

1914

QUEENSLAND.

REPORT OF THE GOVERNMENT STATISTICIAN ON AGRICULTURAL AND PASTORAL STATISTICS FOR 1913.

LIVE STOCK.

The pastoral industry was once more favourably placed as regards weather, the year 1913, taking Queensland as a whole, witnessing a good rainfall, although in some localities a more abundant supply would have been acceptable. There was a substantial increase in the number of all classes of live stock except swine, notwithstanding that the number disposed of for value was greater than the average.

A.

Year.					Horses.	Cattle.	Sheep.	Swine.
1912	...	...	...	...	674,573	5,210,891	20,310,036	143,695
1913	...	...	...	...	707,265	5,322,033	21,786,600	140,045
Numerical Increase in 1913					32,692	111,142	1,476,564	...
Numerical Decrease in 1913					...	...	...	3,650
Centesimal Increase in 1913					4.85	2.13	7.27	...
Centesimal Decrease in 1913					...	...	...	2.54

There were 707,265 horses, 5,322,033 horned cattle, and 21,786,600 sheep returned as depastured in Queensland on 31st December, 1913; this was 32,692 more horses, 111,142 more cattle, and 1,476,564 more sheep than were so returned 12 months previously. These figures give centesimal increases of—Horses 4.85, cattle 2.13, and sheep 7.27. As regards sheep, the figures for 1913 establish a record. In 1892 the number returned was 21,708,310; these figures were exceeded last year by 78,290. It has thus taken 21 years to secure the position then held with regard to sheep and to recover the losses made by the prolonged drought, which is still something more than a memory to many. When, however, it is remembered that low-water mark was not reached until 1902, when the numbers had fallen to 7,213,985 only, and that during the past decade large numbers have been put to profit, there is still reason for congratulation.

The following statement shows the numbers of each description of live stock depastured at the end of each of the last 10 years:—

A a.

SHOWING the NUMBER of HORSES, CATTLE, SHEEP, and SWINE in the STATE—RETURN for TEN YEARS.

Year.					Horses.	Cattle.	Sheep.	Swine.
1904	...	...	...	...	413,165	2,722,340	10,843,470	185,141
1905	...	...	...	...	430,565	2,963,695	12,535,231	164,087
1906	...	...	...	...	452,916	3,413,919	14,886,438	138,282
1907	...	...	...	...	488,486	3,892,232	16,738,047	133,246
1908	...	...	...	...	519,969	4,321,600	18,348,851	124,749
1909	...	...	...	...	555,613	4,711,782	19,593,791	124,803
1910	...	...	...	...	593,813	5,131,699	20,331,838	152,212
1911	...	...	...	...	618,954	5,073,201	20,740,981	173,902
1912	...	...	...	...	674,573	5,210,891	20,310,036	143,695
1913	...	...	...	...	707,265	5,322,033	21,786,600	140,045

The greatest number of cattle in the State was in 1894, exactly 20 years ago, when there were 7,012,997 head returned, or 1,690,964 more than are now depastured, so that as regards cattle there is considerable leeway yet to be made good. It will be noticed that horses have shown a continuous increase of from, say, 20,000 to 60,000 for each of the past 10 years, until their numbers now approximate to three-quarters of a million. There does not seem to be any appreciable increase in the demand



for horses for export, therefore the reason for the steady continuous increase is not apparent. Cattle and sheep have both just about doubled during the decade, although for the last four years of the ten cattle have remained at about the same number, whilst the same can be said of sheep except as to 1913.

The proportional increases each year were as follow :—

A b.

Year.	Horses.	Cattle.	Sheep.	Swine.
1904 ... ..	2·78	9·70	29·21	57·50
1905 ... ..	4·21	8·87	15·60	— 11·37
1906 ... ..	5·19	15·19	18·76	— 15·73
1907 ... ..	7·85	14·01	12·44	— 3·64
1908 ... ..	6·45	11·03	9·62	— 6·38
1909 ... ..	6·86	9·03	6·78	0·04
1910 ... ..	6·88	8·91	3·77	21·96
1911 ... ..	4·23	— 1·14	2·01	14·25
1912 ... ..	8·99	2·71	— 2·08	— 17·37
1913 ... ..	4·85	2·13	7·27	— 2·54

— Decrease.

During the three years 1906-8, the ratio of increase of cattle was most satisfactory, whilst sheep showed large proportional increases during the four years 1904-7.

The question is often raised as to the stock-carrying capacity of the State, and to what extent this has been availed of. The following statement supplies some information as to the second half of the problem :—

A c.

IN CONVERTING HORSES AND CATTLE TO TERMS OF SHEEP, TEN HEAD OF SHEEP ARE TAKEN AS EQUAL TO ONE HORSE OR HEAD OF CATTLE.

Pastoral District.	Area in Acres .	Confesional Ratio of Area of Dis- trict to Area of State.	HORSES.		CATTLE.		SHEEP.		ALL KINDS IN TERMS OF SHEEP.	
			Acres per Head.	Number per Square Mile.	Acres per Head.	Number per Square Mile.	Acres per Head.	Number per Square Mile.	Acres per Head.	Number per Square Mile.
Burke ... ..	65,383,040	15·24	1,425	0·45	84	7·59	28	23·21	6·18	103·62
Burnett ... ..	7,972,480	1·86	202	3·17	23	27·89	520	1·23	2·05	311·86
Cook ... ..	63,601,920	14·82	1,442	0·44	166	3·86	68,023	0·01	14·87	43·04
Darling Downs ...	16,249,600	3·79	188	3·41	44	14·44	10	63·94	2·64	242·48
Gregory North ...	54,266,240	12·64	2,526	0·25	212	3·02	32	20·18	12·11	52·86
Gregory South ...	31,617,920	7·37	2,613	0·24	173	3·69	72	8·92	13·26	48·27
Leichhardt ... ..	30,946,560	7·21	575	1·11	52	12·27	25	25·36	4·02	159·17
Maranoa ... ..	25,110,400	5·85	704	0·91	86	7·42	9	69·47	4·19	152·77
Mitchell ... ..	35,431,680	8·26	791	0·81	442	1·45	5	142·06	3·89	164·64
Moreton ... ..	5,649,920	1·32	68	9·41	13	51·15	405	1·58	1·05	607·10
North Kennedy ...	21,832,960	5·09	250	2·56	43	14·82	2,841	0·23	3·68	174·08
Port Curtis ... ..	8,994,560	2·09	172	3·72	24	26·95	257	2·49	2·07	309·13
South Kennedy ...	19,528,960	4·55	548	1·17	72	8·95	36	17·61	5·39	118·80
Warrego ... ..	37,333,760	8·70	1,472	0·43	202	3·17	12	55·03	7·02	91·11
Wide Bay ... ..	5,200,000	1·21	131	4·88	21	31·04	1,422	0·45	1·78	359·58
STATE ... ..	429,120,000	100·00	607	1·05	81	7·94	20	32·49	5·23	122·42
Number per Capita Population ...			1·07		8·06		33·00		124·33	

Taking the whole State, there were last year 1 horse, 8 horned cattle, and 33 sheep to each individual of the population. For each horse 607 acres, for each head of cattle 81 acres, and for each sheep 20 acres of land were available. Converting all stock to the terms of sheep on the basis of 10 sheep to each head of the larger kinds, the area available for all in terms of sheep was 5.23 acres.

Taking the last column of the table it is seen that whilst there was the equivalent of 607 sheep in the Moreton District to each square mile, the number in Gregory South was 48 only. When the numbers in the well-stocked districts are thus compared with those sparsely stocked it shows that the possibilities of the State are in no way yet taxed to their capacity.

This is even more clearly evidenced when the live stock density of Queensland is compared with that of other countries which Queenslanders would not admit are in any degree more fertile.

	Live Stock in Terms of Sheep per Square Mile.
Queensland ... ..	122
New South Wales ...	248
Victoria ... ..	376
United Kingdom ...	1,231
Germany ... ..	1,032
Argentina ... ..	318
United States of America	208



HORSES.

With the advent of the motor-car a large field of usefulness for the horse has been abrogated, and yet each year witnesses the breeding of still more and more. Nor is the use of the petrol-driven vehicle restricted to those who formerly drove carriages of various kinds for pleasure. The heavy draught horse is being replaced by the motor lorry, both in town and country. The horse is largely employed in the working of cattle and sheep, and yet when live stock was as numerous as at present there was hardly more than half the present number of horses. It is true the larger area of land now under plough, and the more frequent use of horse teams as against bullock teams, both for general carrying and timber hauling, may provide further opportunity for their use; yet this does not appear to sufficiently explain the position.

If any expansion in the export trade of these valuable animals was in evidence, the reason for breeding the larger number would be apparent, but this is not the case; during the past five years, the export of horses has exceeded the import by only some 10,000 head each year.

The import and export trade for 1913 was as follows:—

A d.

HORSES IMPORTED DURING 1913.					HORSES EXPORTED DURING 1913.				
Country.		Number.		Value.	Country.		Number.		Value.
<i>Oversea—</i>				£      £	<i>Oversea—</i>				£      £
United Kingdom ...	5	...	1,265	1,265	Papua ... ..	55	...	1,232	
					India ... ..	4,192	...	43,136	
<i>In'erstate (by land)—</i>		5			Straits Settlements...	1	...	21	
					Solomon Islands ..	3	...	55	
New South Wales...	7,564	...	83,707		Japan ... ..	1	...	16	
					Java ... ..	192	...	3,065	
South Australia ...	64	...	630		Phillipines ... ..	32	...	960	
					New Guinea(German)	3	...	96	
		8,628		84,337			4,479	48,581	
					<i>Interstate (by land)—</i>				
					New South Wales ...	16,950	...	200,364	
					South Australia ...	396	...	3,818	
							17,346	204,182	
Totals .. ...			8,633	85,602	Totals ... ..		21,825	252,763	

Five valuable horses were imported from the United Kingdom, being of an average value of £253 each. The imports from New South Wales and South Australia would largely consist of returning drovers' plants. The chief country of oversea export was India, whither 4,192 animals were shipped last year of an aggregate value of £43,136, equal to an average of £10 5s. 10d. per head—a very low price, surely, for army remounts; and, if this represents the actual price paid, accounts for the cry from the Dependency that the “Whaler” is deteriorating. The export to New South Wales considerably more than doubled the import, and even more can be said as regards South Australia. In both cases this may be attributed to the fact that many drovers on delivering their stock in those States dispose of their horses also, and return by sea or rail as more expeditious, if not cheaper.

That horse-breeding is carried on as a distinct industry and not as an adjunct to station and farm might be deduced from the greater number of entire horses now returned. Although inspection and registration is not compulsory, only stallions which pass Government veterinary inspection can be admitted in competition at the shows of agricultural societies which draw Government subsidy. This provision has undoubtedly resulted in the elimination of many inferior stud animals.

A e.

HORSES.

Year.							Entire.	Other.	Total.
1905	...	...	...	...	...	...	4,353	426,212	430,565
1906	...	...	...	...	...	...	4,975	447,941	452,916
1907	...	...	...	...	...	...	6,024	482,462	488,486
1908	...	...	...	...	...	...	6,794	513,175	519,969
1909	...	...	...	...	...	...	7,304	548,309	555,613
1910	...	...	...	...	...	...	7,941	585,872	593,813
1911	...	...	...	...	...	...	8,505	610,449	618,954
1912	...	...	...	...	...	...	9,322	665,251	674,573
1913	...	...	...	...	...	...	9,691	697,574	707,265



CATTLE.

Full particulars as to the number of cattle depastured in the various districts and divisions of the State will be found in Appendix Tables I., II., and IV. The particulars there furnished are summarised in the following statements:—

A f.

SIZES OF HERDS OF CATTLE.

1 to 100.		101 to 300.		301 to 1,000.		1,001 and Upwards.		Totals.	
Owners.	Cattle.	Owners.	Cattle.	Owners.	Cattle.	Owners.	Cattle.	Owners.	Cattle.
34,005	833,025	2,476	419,534	921	503,060	734	3,566,414	38,136	5,322,033

N.B.—For details of Sizes of Herds of Cattle in Pastoral Districts, see Appendix Table No. IV.

There were 38,136 persons returned as depasturing cattle in 1913, owning 5,322,033 head. Of this number 3,566,414 head were held by 734 owners, in herds of 1,001 and upwards; 503,060 head of 921 owners, in herds between 301 and 1,000; 419,534 head of 2,476 owners, in herds between 101 and 300; leaving 34,005 owners with not more than 100 head each, depasturing in the aggregate 833,025 head of cattle. The average number of head held by all owners was 140.

A g.

Year.						Number of Owners.	Number of Cattle.	Average Size of Herd.
1904	...	...	...	...	...	24,615	2,722,340	111
1905	...	...	...	...	...	25,693	2,963,695	115
1906	...	...	...	...	...	27,309	3,413,919	125
1907	...	...	...	...	...	28,537	3,892,232	136
1908	...	...	...	...	...	30,025	4,321,600	144
1909	...	...	...	...	...	32,230	4,711,782	146
1910	...	...	...	...	...	33,955	5,131,699	151
1911	...	...	...	...	...	34,850	5,073,201	146
1912	...	...	...	...	...	37,242	5,210,891	140
1913	...	...	...	...	...	38,136	5,322,033	140

In recent years the average size of herd has been fairly constant, although compared with 10 years ago it has advanced appreciably.

Referring to Appendix Table IV., given in Pastoral Districts, the largest number were found in the Burke District—775,574, returned by 405 owners; the Leichhardt came next, with 593,207 head; followed by North Kennedy, 505,636 head; and Moreton, 451,513 head.

SHEEP.

A summary of details given in Table V. in the Appendix is shown below. These relate to sheep returned as in the State in 1913.

A h.

SIZES OF FLOCKS OF SHEEP.

50 and Under.		51 to 500.		501 to 1,000.		1,001 to 2,000.		2,001 to 5,000.		5,001 to 10,000.	
Owners.	Sheep.	Owners.	Sheep.	Owners.	Sheep.	Owners.	Sheep.	Owners.	Sheep.	Owners.	Sheep.
679	14,559	679	146,483	342	263,800	342	520,898	471	1,627,261	341	2,469,912

10,001 to 20,000.		20,001 to 50,000.		50,001 to 100,000.		100,001 and Upwards.		Totals.	
Owners.	Sheep.	Owners.	Sheep.	Owners.	Sheep.	Owners.	Sheep.	Owners.	Sheep.
240	3,413,780	181	5,569,474	68	4,853,629	22	2,906,804	3,365	21,786,600

N.B.—For details of Sizes of Flocks of Sheep in Pastoral Districts, see Appendix Table No. V.

Of the 21,786,600 sheep in Queensland 13,329,907, or 61 per cent., were held by 271 proprietaries in holdings depasturing not less than 20,000 and averaging 49,188 each. There were 7,510,953 sheep owned by 1,052 persons in flocks numbering between 2,001 and 20,000.

As with cattle, so with sheep; the average number to each proprietary varies with each year.



## A j.

Year.							Number of Owners.	Number of Sheep.	Average Size of Flocks.
1904	...	...	...	...	...	...	1,993	10,843,470	5,441
1905	...	...	...	...	...	...	2,269	12,535,231	5,525
1906	...	...	...	...	...	...	2,448	14,886,438	6,081
1907	...	...	...	...	...	...	2,748	16,738,047	6,091
1908	...	...	...	...	...	...	2,834	18,348,851	6,475
1909	...	...	...	...	...	...	2,888	19,593,791	6,785
1910	...	...	...	...	...	...	3,082	20,331,838	6,597
1911	...	...	...	...	...	...	3,119	20,740,981	6,650
1912	...	...	...	...	...	...	3,224	20,310,036	6,300
1913	...	...	...	...	...	...	3,365	21,786,600	6,474

In 1913, for the first time effort has been made to collect information as to the lambing percentage, purchase, sales of sheep, number killed for food on holding, and, finally, losses from natural causes. As is always the case in the first year or two of the collection of fresh data, these particulars are somewhat imperfect for 1913, but the gross figures as returned are given for what they are worth. There were 8,569,421 lambing ewes; the number of lambs was 4,966,164, or a ratio of 58 per cent.

There were 252,103 sheep killed on holdings for consumption, whilst losses from various causes were returned at 1,471,806, of which 402,623 were attributed to fly.

## DISPOSAL OF LIVE STOCK.

In considering the slow rate of increase recorded year by year in the numbers of live stock depastured, persons concerned, as well as the general public, are too frequently given to ignore the large numbers of cattle and sheep disposed of for profit, both to supply the growing needs of expanding population and to meet the ever-increasing demands for export. The aphorism taught in childhood, that "you cannot have your cake and eat it too," applies here. Home consumption and its increasing demands are quite measurable, but with the discovery and introduction of freezing, conditions respecting export have entirely changed. Before this the use of such a perishable commodity as flesh was largely local. Even on the hoof transport was slow, expensive, and frequently involved much loss; for oversea purposes the freight, feeding, and great risk placed a very definite limit on shipment alive, whilst the tinned and salted meat had only a small demand. Now meat can be transported round the world in nearly the same condition that it leaves the shambles, and so countries, where in the past cattle and sheep were, compared with population, plentiful, are now called upon to supply the needs of places less fortunately situated in this respect.

The world's demand for meat is increasing and is likely to increase at a much greater rate than hitherto. The wage conditions of the masses all the world over have improved; they, therefore, demand more meat. Races hitherto largely vegetarian are changing in this regard. The cry will be for meat! and yet more meat! What is Queensland as a great meat-producing country going to do to secure her share of the resulting trade? Last year there were more live stock disposed of than on any previous occasion since the big drought.

## A k.

	CATTLE.		SHEEP AND LAMBS.	
	1912.	1913.	1912.	1913.
Exported, less number imported alive by land and oversea	89,321	76,232	262,923	638,983
Preserved, frozen, and boiled down ... ..	335,014	449,753	613,681	731,859
Estimated number killed for food for home consumption	245,318	253,677	659,651	643,968
Totals put to profit ... ..	669,653	779,662	1,536,255	2,014,810

N.B.—This Table does not include Interstate Traffic by Sea in live animals; this is unascertainable, but insignificant in number.

Further details are given in Appendix Table No. VI. For obvious reasons imports and exports of cattle and sheep are mainly with other States of the Commonwealth. The excess of exports of cattle was somewhat less in 1913 as compared with 1912—76,232 in the former against 89,321 in the latter year; but this decrease was more than counterbalanced by the large increase in the excess of exports of sheep—638,983 in 1913, and only 262,923 in 1912. A few sheep were exported to Papua and the Straits Settlements, but the number was insignificant; and 6 stud rams to Natal, of the good aggregate value of £183.



There was a large increase during 1913 in the number of cattle and sheep frozen, preserved, &c., chiefly for export. Cattle so treated numbered 449,753 and sheep 731,859, the corresponding figures for 1912 being 335,014 and 613,681, or 114,739 more cattle and 118,178 more sheep thus disposed of last year. Of the cattle, 346,243 (which included 6,500 vealers), or 77 per cent., were killed for freezing; 97,678, or 22 per cent., for preserving; and 5,832 for boiling down; the resultant product comprising 191,600,986 lb. of frozen beef, 40,972,885 lb. preserved fresh, and 4,476,684 lb. salted. Of the 731,859 sheep and lambs slaughtered other than for the butcher, 636,758, or 87 per cent., were for freezing; 47,913, or 6.5 per cent., for preserving; and 8,226 for boiling down. These returned 25,853,408 lb. of frozen mutton; 1,324,847 lb. were preserved; 31,519 lb. were salted. The lambs slaughtered for preservation in every form, 40,780, and included above, yielded 1,238,582 lb. of meat in addition to those boiled down.

## A l.

Year.	CATTLE.		SHEEP.	
	Inwards.	Outwards.	Inwards.	Outwards.
	Number.	Number.	Number.	Number.
1904 ... ..	41,086	139,745	94,117	294,496
1905 ... ..	25,099	75,044	148,163	529,602
1906 ... ..	63,157	63,089	469,526	742,281
1907 ... ..	51,323	71,494	240,704	1,031,326
1908 ... ..	40,890	145,474	309,967	734,609
1909 ... ..	41,804	145,591	178,719	909,007
1910 ... ..	*67,587	*122,774	*314,779	*685,419
1911 ... ..	*45,225	*133,519	*412,152	*613,998
1912 ... ..	*55,482	*141,803	*288,523	*551,446
1913 ... ..	*55,402	*131,634	*204,045	*843,028

\* Exclusive of Interstate Coastwise Traffic no longer available.

There were 21 establishments engaged in the freezing and preserving industry.

## A m.

Kind of Establishment.	Number.	Number of Hands Employed.	Value of Machinery and Plant.	Value of Land and Premises.	Value of Output.
Bacon Curing ... ..	7	336	£ 38,860	£ 69,779	£ 471,839
Meat Preserving ... ..	14	3,889	379,087	451,130	4,779,477
Total ... ..	21	4,225	417,947	520,909	5,251,316

Seven of them confined their work to handling of swine only. The whole 21 employed 4,225 hands; a sum of £417,947 was invested in machinery and plant, and £520,909 in land and premises. The total output was valued at £5,251,316.

The requirements of the home market become more extensive each year. With but a comparatively small increase of population from year to year, and the retail price of meat always on the up-grade, a per capita reduction in the quantity consumed might not unreasonably have been looked for—a sufficient reduction indeed to nearly, if not quite, counterbalance the relatively small population increase. Such is not the case, however; indeed, per capita increases are recorded. Taking the first and last five years of the decade just closed, it is found that between 1904-8 the mean of the average annual meat consumption per capita was 216 lb., while between 1905-13 the corresponding figure was 262 lb. These figures do not represent the full measure of the consumption, as a certain amount of the product of the factories is disposed of within the State. To meet the home consumption, 253,677 cattle and 643,968 sheep were killed, including calves and lambs, and 43,804 swine. Full details as to home consumption will be found in Table No. VII. in the Appendix.



# SWINE.

The slaughter of pigs by the raiser has always obtained to a much greater extent than with respect to other kinds of live stock. It was found that to only tabulate swine slaughtered at factories was misleading, so, with regard to these animals, those slaughtered by the farmer are included in the tables.

## A n.

Petty Sessions District.	Swine Slaughtered.	Fresh Pork.	Salt and Preserved Pork.	Bacon and Hams.
	Number.	Lb.	Lb.	Lb.
Brisbane ... ..	69,222	4,470	640	5,463,124
Bundaberg ... ..	208	3,585	5,470	15,169
Clifton ... ..	260	2,062	17,763	15,719
Condamine ... ..	233	4,238	9,656	10,744
Crow's Nest ... ..	281	533	945	33,034
Dalby ... ..	529	4,509	15,196	45,098
Dugandan ... ..	208	9,172	11,690	12,102
Esk ... ..	190	2,215	3,360	16,280
Gatton ... ..	268	1,578	6,364	26,392
Gayndah ... ..	256	1,557	2,725	27,700
Gympie ... ..	263	3,837	544	30,877
Helidon ... ..	146	741	1,030	17,690
Laidley ... ..	365	5,979	9,646	28,270
Logan ... ..	491	2,815	49,537	22,145
Lowood ... ..	223	4,540	5,921	22,266
Marburg ... ..	214	1,870	160	35,248
Maryborough ... ..	5,951	6,680	8,401	698,250
Nanango ... ..	292	3,254	3,025	32,210
Oakey ... ..	241	1,154	2,280	27,148
Pittsworth ... ..	275	624	1,855	29,875
Rockhampton ... ..	325	1,762	20,342	8,538
Roma ... ..	287	2,937	10,539	21,439
South Brisbane ... ..	57,936	82,083	210	4,388,952
Toowoomba ... ..	27,671	58,064	2,520	2,344,967
Warwick ... ..	516	2,404	1,740	56,022
Wienholt ... ..	273	3,024	8,534	24,852
All other Districts ... ..	4,960	170,517	84,048	255,605
Totals, 1913 ... ..	172,084	386,204	284,141	13,709,716
„ 1912 ... ..	162,755	611,624	429,600	12,437,019

N.B.—Returns received from Inspectors of Slaughter-houses for 1913 account for 43,804 swine killed, producing 3,797,290 lb. of fresh pork in addition to the above. In a few instances it is possible that some of these have been also included in the returns from which this table is compiled, but to what extent it is impossible to determine.

There were nearly 10,000 more pigs killed in 1913 than in 1912, which more than explains the decrease of 3,650 found in the State at the end of the first-named year.

From the 172,084 hogs slaughtered in 1913, 14,380,061 lb. of meat were obtained. Of this, 386,204 lb. were consumed as fresh pork; 284,141 was converted into pickled pork; whilst of the remainder, 13,709,716 lb. of ham and bacon were made. It will be seen that the great bulk of the output was from the districts of Brisbane and Toowoomba.

# WOOL.

The wool produced last year was a record—154,183,114 lb.—and was 17,304,844 lb. in advance of the figures for 1912. There was a slight decrease in the latter year compared with the results for 1910 and 1911, the last-named year having proved the record year until now. The wool production for 7 years was as follows:—

## A o.

Production of Wool.	1908.	1909.	1910.	1911.	1912.	1913.
Number of sheep shorn ... ..	16,508,861	18,439,937	19,192,619	20,037,491	19,969,378	20,289,124
Result off Shears only, lb. net—						
Greasy wool ... ..	66,387,514	80,170,509	82,755,649	92,698,078	89,390,788	106,570,719
Scoured wool ... ..	20,362,329	21,491,099	23,276,963	21,051,636	19,816,854	19,699,752
Above expressed as “Greasy” ... ..	107,112,172	123,152,707	129,309,575	134,801,350	129,024,496	145,971,861
Average weight, lb.—						
Per Greasy bale ... ..	367	372	371	360	367	362
Per Scoured bale ... ..	232	235	234	232	226	227
Per Fleece in the Grease ... ..	6·49	6·68	6·74	6·73	6·46	7·19
Total wool production (Greasy), including quantity fell-mongered and exported on skins, lb.	110,545,577	129,668,298	139,250,802	142,382,269	136,878,270	154,183,114
* Estimated value of production ... ..	£4,193,000	£5,453,000	£5,908,000	£5,580,000	£5,561,000	£6,296,000

\* Based on Oversea Export value.

The value of the wool obtained advanced from £4,153,000 in 1907 to £6,296,000 in 1913. Greater details will be found in Table No. IX. in the Appendix.

Of the 20,289,124 sheep of all kinds passing under the shears, 10,058,257 were ewes, 5,249,090 were weathers, 2,668,796 weaners and hoggets, 2,074,620 were lambs, and 238,361 were rams. There were also 682,026 lambs and 517,750 grown sheep left unshorn, making a total of all kinds recorded at shearing time of 21,488,900 or 297,700 sheep below the 21,786,600 returned as depastured at the end of 1913. As a result of the shearing there were obtained 298,164 bales of wool in the grease weighing 107,805,603 lb., and 83,999 bales of scoured wool weighing 19,083,129 lb.; these give averages per bale of greasy 362 lb. and scoured of 227 lb. The whole shearing thus represented 145,971,861 lb. of wool in the grease. This gives an average fleece of 7.19 lb. for 1913, against 6.46 in 1912. If the wool from skins fellmongered (2,629,898 lb.) and the estimated quantity of wool exported on the skin (5,581,355 lb.) be added, the total production of 154,183,114 lb. is arrived at. The value of all machinery installed on sheep holdings was estimated at £539,159.

The average price of wool for the past seven years was as follows:—

A p.

Average Export Price of Wool.	1908.	1909.	1910.*	1911.*	1912.*	1913.*
Greasy wool ...	8 $\frac{4}{5}$ d. per lb.	9 $\frac{1}{2}$ d. per lb.	10 $\frac{1}{5}$ d. per lb.	9 $\frac{2}{5}$ d. per lb.	9 $\frac{3}{4}$ d. per lb.	9 $\frac{4}{5}$ d. per lb.
Scoured wool ...	17d. ,,	17 $\frac{1}{2}$ d. ,,	18 $\frac{1}{4}$ d. ,,	16 $\frac{3}{5}$ d. ,,	18 $\frac{1}{4}$ d. ,,	18 $\frac{1}{2}$ d. ,,

\* Oversea only.

The price for 1913 was slightly better than in 1912, and a good deal in advance of that for 1911.

The full quantity of export of any commodity is no longer available, but this is of less consequence with regard to wool than almost any article, as the quantity used in the State being fractional (less than half a million lb. wool in the grease), the whole may be said to be exported.

A q.

Exports of Wool.				QUANTITY.			VALUE.		
				Interstate.	Oversea.	Total.	Interstate.	Oversea.	Total.
				Lb. gross.	Lb. gross.	Lb. gross.	£	£	£
Greasy	1910	...	...	*	64,591,609	*	*	2,740,149	*
	1911	...	...	*	78,529,887	*	*	3,081,062	*
	1912	...	...	*	74,239,496	*	*	3,012,654	*
	1913	...	...	*	90,229,443	*	*	3,681,663	*
Scoured	1910	...	...	*	18,906,725	*	*	1,438,275	*
	1911	...	...	*	20,524,607	*	*	1,438,071	*
	1912	...	...	*	16,581,495	*	*	1,262,866	*
	1913	...	...	*	20,064,779	*	*	1,552,256	*

\* Not available.

The quantity and the proportion to the total wool exported oversea last year expressed as greasy were as follow:—Greasy, 90,229,443 lb.; scoured, 20,064,779 lb., equal to 40,129,558 lb. in grease, making an aggregate in the grease 130,359,001; on the skin, 5,581,355 lb., giving a total of 135,940,356 lb., or 88 per cent. of the total wool production.

The wool used in Queensland is, as already stated, fractional only.

A r.

Quantity Wool used in Manufacture.	1908.	1909.	1910.	1911.	1912.	1913.
Scoured wool ...	Lb. 112,230	Lb. 150,539	Lb. 135,123	Lb. 168,243	Lb. 291,946	Lb. 203,415

Taken over the whole period shown there is evidence of slight increase in the manufacture of goods of which wool is a base.



The following table is inserted to show the great importance of the pastoral industry to the State:—

**A s.**  
**EXPORTS OVERSEA, QUEENSLAND.**

Value of—	1912.		1913.	
	HOME PRODUCE ONLY.		HOME PRODUCE ONLY.	
	Total Exports.	Percentage to Total Exports.	Total Exports.	Percentage to Total Exports.
	Oversea £	Only.	Oversea £	Only.
Agricultural Products ... ..	753,793	8·22	994,694	8·08
Pastoral „ ... ..	7,343,087	80·12	10,106,947	82·08
Mineral „ ... ..	827,792	9·03	906,581	7·36
Other „ ... ..	241,156	2·63	304,553	2·48
Totals ... ..	£9,165,828	100·00	£12,312,775	100·00

It requires to be borne in mind that these figures relate to oversea trade only. The total export, if obtainable, would show more favourably for agriculture and mining than does this table, as sugar and gold practically all go interstate. But this would not, of course, change the fact that pastoral products of the value of £10,106,947 were shipped oversea last year.

The items of which the above was comprised were as follow:—

**A t.**  
**EXPORTS OVERSEA, QUEENSLAND.**

Value of—	1912.	1913.	Increase or —Decrease, 1913.
	HOME PRODUCE ONLY.		
	Exports Oversea.	Exports Oversea.	
	£	£	£
Pastoral Products —			
Wool ... ..	4,275,520	5,233,919	958,399
Live stock ... ..	51,995	51,463	— 532
*Meat (all kinds, including Extract) ... ..	2,033,001	3,172,036	1,139,035
Tallow ... ..	466,916	700,394	233,478
Hides and skins ... ..	478,137	876,879	398,742
All other ... ..	37,518	72,256	34,738
Total ... ..	7,343,087	10,106,947	2,163,860

\* Exclusive of Bacon, Poultry, &c., these being treated as products of Agriculture.

Again it must be impressed that these figures are oversea only.

**GOATS (COMMON).**

These animals are of great value in the “away beyond” localities of the State, not only as providing the only milk supply for the children, but as not infrequently affording the only change from salt meat.

<b>A u.</b>				Weight: Lb.	
		Number Depastured.	Number Killed.		
1909	...	165,362	38,078	...	1,020,706
1910	...	168,339	36,978	...	952,460
1911	...	149,804	33,791	...	898,397
1912	...	155,010	37,044	...	974,430
1913	...	148,006	35,541	...	978,244

The difficulty—it might almost be said the impossibility—of obtaining owners’ returns of these animals will be readily understood. They are compiled from the estimates of police officers in each locality. From the admirable manner in which the collectors discharge their other duties, I have no doubt the compilation is reasonably accurate, but still the method adopted may in part explain some of the fluctuations shown.

ANGORA GOATS.

For purposes of securing mohair for export the number depastured have little significance.

A v.

Year.					Number of Animals.	Mohair Obtained.	Skins Obtained.	Number Killed for Meat.
						Lb.		
1904	...	...	...	...	2,008	1,216	208	497
1905	...	...	...	...	2,855	902	320	643
1906	...	...	...	...	2,512	1,358	160	475
1907	...	...	...	...	4,589	3,073	996	1,028
1908	...	...	...	...	7,698	5,102	980	1,181
1909	...	...	...	...	8,228	6,547	1,374	1,739
1910	...	...	...	...	9,088	7,096	1,753	1,823
1911	...	...	...	...	8,332	5,785	1,047	1,487
1912	...	...	...	...	6,924	6,770	1,342	1,388
1913	...	...	...	...	7,925	6,935	1,063	1,148

Owners for the most part express but little hope of expansion. The grade animal even, but still more the pure-bred, is said to be much more delicate than the common variety. They give much trouble in the way of straying, and if left out are killed by dingoes or die from rain and cold.

CAMELS.

Mostly imported from the other States for transport purposes. The number in the State fluctuates.

A w.

								Number.
1909	...	...	...	...	...	...	...	334
1910	...	...	...	...	...	...	...	656
1911	...	...	...	...	...	...	...	1,023
1912	...	...	...	...	...	...	...	888
1913	...	...	...	...	...	...	...	751

The Government of Western Australia has established a breeding station, but with what success is not yet known.

OSTRICHES.

These birds do well in Queensland, but do not appear to increase in number.

A x.

								Number.
1909	...	...	...	...	...	...	...	28
1910	...	...	...	...	...	...	...	28
1911	...	...	...	...	...	...	...	31
1912	...	...	...	...	...	...	...	35
1913	...	...	...	...	...	...	...	29

No doubt as an entirely new industry our ostrich farmers have much to learn with regard to their management.

MULES.

It is somewhat surprising that the mule is not more availed of, especially for farm work. In most parts of America, particularly in the tropical portions, its value is fully recognised, and it is frequently preferred to the horse. The number returned for the last three years was—1911, 801; 1912, 742; and last year, 793. These fluctuations must be considered as an evidence of a somewhat imperfect collection rather than as representing the actual facts, and yet at the same time the approximate agreement of the figures speaks for substantial accuracy.

DAIRYING.

The progress made in dairying was most satisfactory, record outputs of butter and cheese were tabulated, whilst, as already mentioned, the quantity of hams and bacon cured was exceptionally large. The position that dairying has occupied for some years has led to more attention being paid to the selection and breeding of a better type of cow, improving both the quantity and the quality of the milk secured from each. Last year, however, the large increase in the output of butter and cheese without a corresponding increase either in the number of cows in milk or of the milk obtained leads to the conclusion that the returns under these heads are somewhat loosely made.



The subjoined statement, covering a period of 23 years, shows the great progress made:—

## B.

Year.	Dairying Establishments, Exclusive of Factories.	DAIRY COWS.				Production of Butter.	Production of Cheese.
		In Milk.	Dry.	Total.			
						Lb.	Lb.
					1890 ... ..	*2,000,000	*170,240
					1895 ... ..	3,719,523	1,841,799
					1900 ... ..	8,680,389	1,984,705
1909 ...	15,279	228,497	105,342	333,839	1905 ... ..	20,319,976	2,682,089
1910 ...	16,079	262,788	102,656	365,444	1910 ... ..	31,258,333	4,146,661
1911 ...	16,225	237,997	119,098	357,095	1911 ... ..	27,858,535	3,718,257
1912 ...	16,579	267,847	107,813	375,660	1912 ... ..	30,307,339	3,947,615
1913 ...	17,866	285,403	106,036	391,439	1913 ... ..	35,199,387	5,395,050

\* Estimated.

The quantity of butter made has increased 17 times in just over 20 years and that of cheese nearly 32 times in the same period.

The dairying industry is at present mainly confined to the Eastern portion of the Southern division of the State.

## B a.

District.	Total Milk Obtained.	HOW UTILISED.						
		For Butter on Farms.	For Cheese on Farms.	For Domestic Purposes by Producer.	Separated for Sale.	Sold for Consumption as Milk.	Sold to Condensed Milk Factories.	Sold to Cheese Factories.
	Gallons.	Gallons.	Gallons.	Gallons.	Gallons.	Gallons.	Gallons.	Gallons.
Moreton ... ..	39,857,166	1,665,137	82,824	2,067,913	31,480,928	2,864,899	1,536,510	158,955
Wide Bay ... ..	17,312,341	1,479,742	3,120	1,021,041	14,498,586	309,852	...	...
Port Curtis ... ..	3,501,816	368,846	...	194,280	2,695,092	243,628	...	...
Downs ... ..	26,077,361	1,178,408	52,520	1,463,934	17,444,052	373,047	594,872	4,970,528
Other Districts ... ..	3,796,802	700,706	500	637,720	2,070,544	387,332	...	...
Total, 1913 ... ..	90,545,516	5,392,839	133,964	5,384,888	68,189,202	4,178,758	2,131,382	5,129,463
Total, 1912 ... ..	82,977,730	5,525,545	118,268	5,005,063	62,821,321	3,339,340	2,136,806	4,031,387
Increase, 1913 ... ..	7,567,786	...	20,696	379,825	5,367,881	839,418	...	1,098,096
Decrease, 1913 ... ..	...	132,706	...	...	...	...	5,424	...

District.	ESTABLISHMENTS.			DAIRY CATTLE.		BUTTER MADE.			CHEESE MADE.		
	Dairying.	Butter Factories.	Cheese Factories.	In Milk.	Dry.	At Factories.	By Farmers.	Total.	At Factories.	By Farmers.	Total.
	No.	No.	No.	No.	No.	Lb.	Lb.	Lb.	Lb.	Lb.	Lb.
Moreton ... ..	6,972	20	4	128,176	40,738	16,759,592	676,641	17,436,233	139,970	78,028	217,998
Wide Bay ... ..	3,808	8	...	59,243	22,934	5,735,048	570,760	6,305,808	...	3,120	3,120
Port Curtis ... ..	677	4	...	14,322	9,080	1,352,438	106,724	1,459,162	...	...	...
Downs ... ..	4,694	13	32	68,815	23,063	8,567,355	470,792	9,038,147	5,121,912	51,520	5,173,432
Other Districts ... ..	1,715	2	...	14,847	10,221	707,710	252,327	960,037	...	500	500
Total, 1913 ... ..	17,866	47	36	285,403	106,036	33,122,143	2,077,244	35,199,387	5,261,882	133,168	5,395,050
Total, 1912 ... ..	16,579	49	27	267,847	107,813	28,184,832	2,122,507	30,307,339	3,833,116	114,499	3,947,615
Increase, 1913 ... ..	1,287	...	9	17,556	...	4,937,311	...	4,892,048	1,428,766	18,669	1,447,435
Decrease, 1913 ... ..	...	2	...	...	1,777	...	45,263	...	...	...	...

## MILK.

In 1913 there were 90,545,516 gallons of milk returned, an increase of 7,567,786 gallons over the output for 1912.

## BUTTER.

Of the quantity of milk obtained last year 73,582,041 gallons, or 81 per cent., were converted into butter; 68,189,202 gallons, or fifteen-sixteenths, at the factory, and one-sixteenth only on the farm. It is satisfactory to note that this latter is the only method of utilisation that showed a decrease. As from the milk used for butter 35,199,387 lb. of the latter article were produced, it follows that 2.09 gallons of milk were required to make each lb. of butter. The ratio of milk to butter—Factory and Home-made—was 2.06 and 2.60 gallons respectively to each lb. or the loss of a full half-gallon on each lb. of farmers' made butter; no wonder hand making is not popular, unless unavoidable.

## CHEESE.

The manufacture of cheese as an industry is restricted to the Moreton and the Downs divisions, and indeed it might almost be said to the latter only, where 5,121,912 lb. of the total factory output of 5,261,882 lb. were produced. The total output of cheese, including home-made by the farmer, was 5,395,050 lb., for which 5,268,447 gallons of milk were required or 0.98 gallons to each lb. of cheese. On comparing the average results as to quantity, the balance, as with butter, is still in favour of the Factory, but to a much less degree, the proportion of milk to cheese being—Factory, 0.97 of a gallon; Home-made, 1.04 gallons. The quality is generally admitted to be also on the Factory side, but this is not so capable of mathematical demonstration.

Unfortunately, true exports of the State are not now available, those oversea only being collected and compiled. As the quantity of butter returned as sent oversea, is but little more than half the production, it is evident that much of our output is sent to the other States, whether for consumption there or to swell the records of their export it is impossible to say.

B b.

Butter Exported.	1909.	1910.*	1911.*	1912.*	1913.*
Quantity (lb.) ... ..	12,563,427	17,213,179	15,171,074	13,882,598	18,494,256
Value ... ..	£541,536	£751,590	£643,023	£674,908	£855,456
Average value per lb. ... ..	10 $\frac{1}{4}$ d.	10 $\frac{3}{4}$ d.	10 $\frac{1}{4}$ d.	11 $\frac{3}{4}$ d.	11d.

\* Oversea only.

The 18,494,256 lb. exported oversea is returned as worth 11d. per lb. If this value be applied to the total production (35,199,387 lb.), it places the value of this one item alone of our Dairying industry at the satisfactory figure of £1,613,305.

CONDENSED MILK.

This branch of dairying also made progress last year.

B c.

									Lb.
1909	...	...	...	...	...	...	...	...	7,038,202
1910	...	...	...	...	...	...	...	...	7,843,670
1911	...	...	...	...	...	...	...	...	6,227,519
1912	...	...	...	...	...	...	...	...	7,923,381
1913	...	...	...	...	...	...	...	...	8,059,051

Two million one hundred and thirty-one thousand three hundred and eight-two gallons of milk were sold to factories for the purpose of condensation against 2,136,806 gallons in 1912. From the former 8,059,051 lb. of condensed milk were obtained, or 135,670 lb. more than was made from the slightly larger quantity of milk in 1912. Whether this was due to better machinery, improved treatment, or a higher quality of milk is not recorded.

POULTRY.

Poultry farming, which in some countries—notably in the United States—is carried out on a scale that may fitly be described as gigantic, is but little in vogue in Queensland as an independent industry. It is practically limited to suburban and country town fowlyards and as an adjunct to the general farm.

B d.

Petty Sessions District.	Fowls.	Ducks.	Geese.	Turkeys.	Other.	Eggs.
	No.	No.	No.	No.	No.	Doz.
Allora ... ..	13,285	198	...	389	...	35,719
Beaudesert ... ..	14,576	635	124	942	20	38,804
Brisbane ... ..	25,197	3,266	46	197	25	145,990
Bundaberg ... ..	19,567	941	134	214	373	53,988
Cairns ... ..	15,495	686	72	155	34	77,194
Clifton ... ..	20,976	381	20	703	...	77,442
Crow's Nest ... ..	14,454	161	148	457	...	57,167
Dalby ... ..	20,472	553	207	2,281	12	68,075
Dugandan ... ..	39,087	1,353	379	439	17	179,866
Esk ... ..	14,727	747	535	533	255	63,425
Gatton ... ..	27,771	1,001	731	512	10	99,739
Gympie ... ..	18,918	816	33	385	64	86,890
Harrisville ... ..	22,894	796	187	543	39	120,333
Helidon ... ..	11,395	612	47	478	9	49,872
Herberton ... ..	17,891	210	32	89	27	39,384
Highfields ... ..	9,075	132	83	390	...	61,309
Ipswich ... ..	10,209	417	18	359	15	46,934
Jondaryan ... ..	8,881	145	28	272	...	34,273
Killarney ... ..	9,771	502	52	450	72	31,585
Laidley ... ..	22,193	1,409	743	438	40	61,646
Logan ... ..	17,326	1,297	345	69	32	65,697
Lowood ... ..	12,404	947	546	103	25	47,119
Mackay ... ..	29,474	935	246	299	48	88,361
Marburg ... ..	17,117	975	373	150	116	66,711
Maroochy ... ..	20,415	1,061	72	198	18	96,308
Maryborough ... ..	11,040	419	94	145	52	51,222
Nanango ... ..	21,696	846	76	1,093	10	79,802
Nerang ... ..	9,400	862	48	115	16	31,079
Oakey ... ..	17,843	325	47	1,417	10	60,620
Pittsworth ... ..	13,475	225	60	857	...	34,998
Redcliffe ... ..	13,039	928	49	223	169	54,837
Rockhampton ... ..	20,462	1,077	228	678	50	79,084
Rosewood ... ..	18,274	618	122	380	...	67,297
South Brisbane ... ..	10,560	499	37	170	19	54,074
Toowoomba ... ..	20,582	550	66	222	24	100,019
Warwick ... ..	28,928	784	146	2,403	76	99,240
Wienholt ... ..	21,905	678	234	1,103	69	63,794
All other Districts ... ..	180,853	7,350	1,049	7,341	840	648,684
Totals, 1913 ... ..	841,630	35,337	7,457	27,192	2,586	3,218,581
Totals, 1912 ... ..	763,792	28,780	7,131	24,486	1,645	2,991,401
Increase, 1913 ... ..	77,838	6,557	326	2,706	941	227,180
Decrease, 1913 ... ..	...	...	...	...	...	...



The above table does not include the numbers kept in urban and country towns owing to the great difficulty of collecting these, and therefore, only represents the efforts of the wife and daughters of the general farmer. There is no doubt that the aggregate figures are far short of the totals of each kind given in the tables. It will be seen that even in this branch of farming good progress was in evidence, every item recorded showing an increase.

APIARIES.

Here, too, progress is found all along the line.

B e.

Petty Sessions District.	No. of Hives.		Honey.	Average per Productive Hive.	Wax.	Petty Sessions District.	No. of Hives.		Honey.	Average per Productive Hive.	Wax.
	Productive.	Non-Productive.					Productive.	Non-Productive.			
			Lb.	Lb.	Lb.				Lb.	Lb.	Lb.
Allora ...	113	52	4,412	39	108	Nerang ...	530	85	19,333	38	233
Beaudesert ...	243	64	15,292	62	...	Oakey ...	105	7	1,564	15	65
Brisbane ...	743	136	42,709	57	484	Pittsworth ...	230	14	11,635	51	231
Bundaberg ...	279	70	9,449	34	312	Redcliffe ...	329	43	16,821	51	518
Caboolture ...	1,246	164	88,379	71	1,299	Rockhampton ...	907	79	97,121	107	1,101
Clermont ...	114	43	7,800	68	161	Roma ...	142	16	10,485	74	160
Clifton ...	121	57	8,040	66	89	Rosewood ...	106	11	6,440	61	54
Cook ...	132	50	8,191	62	273	South Brisbang ...	377	126	13,597	36	236
Crow's Nest ...	245	33	2,896	12	43	Southport ...	314	105	19,674	63	253
Esk ...	108	28	5,710	53	40	Stanthorpe ...	247	91	20,191	82	232
Gatton ...	222	88	11,250	51	120	Tiaro ...	129	61	5,797	45	60
Goodna ...	482	...	18,024	37	196	Toowoomba ...	105	17	3,226	31	30
Gympie ...	789	150	47,438	60	785	Townsville ...	90	14	3,440	38	50
Harrisville ...	169	42	5,939	35	72	Warwick ...	786	80	67,360	85	1,102
Helidon ...	82	23	5,500	67	100	Woodford ...	179	35	8,772	49	200
Herberton ...	48	12	1,424	30	68	All other Districts	956	307	39,351	41	621
Ipswich ...	73	18	1,912	26	45						
Killarney ...	633	76	17,388	27	150	Totals, 1913 ...	13,862	2,599	754,760	54	12,059
Laidley ...	290	64	10,856	38	34	Totals, 1912 ...	12,037	3,804	581,228	48	11,744
Logan ...	1,121	183	41,903	37	1,421						
Lowood ...	101	14	6,652	66	82	Increase, 1913	1,825	...	173,532	6	315
Maroochy ...	386	58	19,952	52	435	Decrease, 1913	...	1,205	...	...	...
Maryborough ...	590	83	28,837	49	596						

There were more hives, more honey collected, more wax, and a better average yield. The increase of honey was substantial, from 581,228 lb. in 1912, to 754,760 in the following year, an advance of 173,532 lb.

AGRICULTURE PROPER.

Taken as a whole, the season for 1913 must be considered to have been a most satisfactory one so far as the crops were concerned, although as prices fell from those obtaining in 1912 probably matters in certain instances were not much better for the farmer. Amongst grain crops Maize and amongst special crops Sugar gave exceptionally good results, whilst the return from fruits generally showed substantial improvement.

There were, during 1913, 496 additional cultivated holdings established, and the area under plough was increased by nearly 76,000 acres.

C.

Year.	Number of Holdings Returned.	Increase per Cent. on Previous Year.	Increase per Cent. on Figures of 1903.	Area under Cultivation.	Increase per cent. on Previous Year.	Increase per cent. on Figures for 1903.
1904 ...	17,854	...	...	577,896	...	...
1905 ...	18,419	3·2	11·9	622,987	7·80	0·21
1906 ...	18,939	2·8	15·1	598,777	— 3·89	— 3·69
1907 ...	19,272	1·8	17·1	642,979	7·38	3·42
1908 ...	19,898	3·2	20·9	650,472	1·17	4·63
1909 ...	21,144	6·3	28·5	738,447	13·52	18·78
1910 ...	22,023	4·1	33·8	794,826	7·63	27·85
1911 ...	22,276	1·1	35·4	779,800	— 1·89	25·43
1912 ...	22,976	3·1	39·6	814,420	8·29	35·83
1913 ...	23,472	2·2	42·7	920,010	8·95	47·98

— Decrease.

Last year our cultivated holdings numbered 23,472, an increase of 2.2 per cent. over the figures for 1912. The area under cultivation was 920,010 acres, an increase over the previous year of 8.95 per cent., and of 47.98 over the figures for 1903, a substantial but yet hardly a satisfactory advance for a decade of good seasons and in many directions of great industrial activity.

Agriculture naturally gives employment to a large number of hands and finds scope for the investment of considerable capital.

## C a.

PETTY SESSIONS DISTRICT.	LABOUR.				VALUE OF MACHINERY AND IMPLEMENTS.				
	Farming.		Dairying.		Farming.	Dairying.	Irrigation.	Travelling Machinery.	Total.
	Males.	Females.	Males.	Females.	£	£	£	£	£
Allora ... ..	402	2	201	127	38,200	6,072	2,395	4,840	51,507
Ayr ... ..	998	42	17	12	38,034	267	103,613	105	141,419
Beaudesert ... ..	239	5	290	187	15,433	13,766	400	286	29,885
Biggenden ... ..	311	...	183	212	14,049	5,220	100	105	19,474
Brisbane ... ..	765	67	332	258	13,285	4,754	587	...	18,626
Bundaberg ... ..	2,079	22	175	190	45,814	4,390	25,676	300	76,180
Cairns ... ..	963	45	17	20	18,846	529	100	...	19,475
Childers ... ..	831	3	30	106	22,353	1,242	930	...	24,525
Clifton ... ..	724	10	443	351	64,900	7,013	895	3,250	76,058
Crow's Nest ... ..	545	3	313	301	16,234	5,916	...	...	22,150
Dalby ... ..	772	6	606	417	41,451	13,656	147	4,415	59,669
Dugandan ... ..	683	14	550	411	24,801	7,291	50	...	32,142
Esk ... ..	491	79	463	284	19,393	6,145	1,450	930	27,918
Gatton ... ..	713	3	312	543	40,913	6,521	300	700	48,434
Goombungee ... ..	223	...	28	148	11,255	2,268	...	500	14,753
Gympie ... ..	326	19	839	587	15,557	21,796	...	...	37,353
Harrisville ... ..	476	1	326	345	18,998	6,135	905	48	26,086
Helidon ... ..	331	21	160	295	11,234	3,519	...	...	14,753
Ingham ... ..	732	...	3	3	27,665	118	2,000	...	29,783
Ipswich ... ..	183	4	190	210	5,915	3,386	1,280	30	10,611
Jondaryan ... ..	308	2	224	190	18,180	5,908	...	450	24,538
Killarney ... ..	433	43	87	127	26,912	3,140	381	4,715	35,148
Laidley ... ..	721	71	352	389	28,947	4,984	...	1,450	35,381
Logan ... ..	595	19	183	351	15,512	4,002	...	...	19,514
Lowood ... ..	298	3	75	83	12,503	3,062	...	200	15,765
Mackay ... ..	2,647	166	28	43	80,001	1,262	812	32	82,107
Marburg ... ..	315	...	127	277	11,132	3,373	...	...	14,505
Maroochy ... ..	813	7	522	323	8,029	11,343	...	...	19,372
Maryborough ... ..	627	11	121	193	14,773	3,541	835	...	19,149
Nanango ... ..	771	...	357	254	35,781	7,267	350	...	43,398
Nerang ... ..	340	11	421	223	7,227	8,900	...	...	16,127
Oakey ... ..	594	3	333	316	42,483	6,493	234	2,320	51,530
Pittsworth ... ..	627	3	247	192	42,520	3,832	...	900	47,252
Redcliffe ... ..	380	7	276	230	10,519	6,029	...	175	16,723
Rockhampton ... ..	538	32	402	278	19,983	6,922	3,882	...	30,787
Roma ... ..	354	5	158	191	21,010	3,218	...	...	24,228
Rosewood ... ..	423	58	379	381	13,029	5,080	...	...	18,109
Tiaro ... ..	391	3	176	228	10,679	4,226	50	...	14,955
Toowoomba ... ..	660	9	292	384	25,339	7,468	2,510	860	36,177
Warwick ... ..	975	4	318	429	62,736	6,763	550	9,180	79,229
Wienholt ... ..	877	1	227	278	35,692	7,802	460	1,195	45,149
All other Districts ... ..	5,888	438	2,332	1,953	168,460	49,058	27,749	4,445	249,712
Total, 1913 ... ..	33,362	1,242	13,165	12,320	1,215,777	283,677	178,041	41,431	1,718,926
Total, 1912 ... ..	32,894	1,115	12,984	12,246	1,133,326	258,449	147,181	42,255	1,581,211
Increase, 1913 ... ..	468	127	181	74	82,451	25,228	30,860	...	137,715
Decrease, 1913 ... ..	...	...	...	...	...	...	...	824	...

During 1913 60,089 persons were employed in agriculture—46,527 males and 13,562 females. Of the two branches of general farming and dairying the former employed 33,362 males and 1,242 females, and the latter 13,165 males and 12,320 females. Although £1,581,211 were returned as invested in agricultural pursuits in 1912, this sum was largely added to last year. There were in 1913, £1,215,777 invested in general farming, £283,677 in dairying, £178,041 on irrigation, and £41,431 in travelling plants of machinery, making an aggregate outlay of £1,718,926, or £137,715 more than in 1912.

Reference has already been made to the increase in the area under cultivation. This advanced from 844,420 acres in 1912 to 920,010 acres in 1913, and the details were as follow:—

## C b.

	1912.	1913.
Under crop	Acres.	Acres.
In fallow	668,483	747,814
New ground broken up...	66,414	65,318
Previously cropped, but not during 1912 and 1913 respectively	22,820	24,204
	86,703	82,674
Under cultivation	844,420	920,010
Under permanent artificially sown grasses	205,363	236,582
Grand total	1,049,783	1,156,592



Reference has constantly been made to the very limited extent to which fallowing (as well as other methods) is used to recuperate overcropped land, and 1913 was no exception, for whilst only 65,318 acres were returned as fallowed (and it is to be feared some of this was not truly so treated), 82,674 acres previously cropped was not even pretended to be fallowed, but simply allowed to stand idle, no doubt to grow a plentiful crop of weeds to cause future trouble. The practice of sowing land after more or less cultivation with grass seed to stand as a permanent pasture is growing. Some 30,000 additional acres were so returned in 1913. This type of pasture land, if properly treated, becomes increasingly valuable with succeeding years, and in the old country is so fully recognised that practically all farm leases contain covenant for a heavy penalty should the tenant break a "Lea."

Land settlement on areas destined to be made freehold proceeded steadily throughout 1913, although a somewhat smaller acreage was selected than in 1912.

## C c.

Year.						Acres.	Year.						Acres.
1904	...	...	...	...	...	224,555	1909	...	...	...	...	612,822	
1905	...	...	...	...	...	362,246	1910	...	...	...	...	661,649	
1906	...	...	...	...	...	560,428	1911	...	...	...	...	735,732	
1907	...	...	...	...	...	783,762	1912	...	...	...	...	633,098	
1908	...	...	...	...	...	685,086	1913	...	...	...	...	540,076	

The demand seems rather for leaseholds for grazing than for freeholds for agriculture.

## VALUE OF CROPS.

There was a very large increase in the aggregate value of all crops for 1913 as compared with 1912.

## C d.

—							1912.	1913.	Increase or — Decrease.
							£	£	£
Grain crops	...	...	...	...	...	...	1,175,848	1,450,048	274,200
Green forage	...	...	...	...	...	...	676,770	856,450	179,680
Hay and straw	...	...	...	...	...	...	777,853	579,426	— 198,427
Root crops	...	...	...	...	...	...	288,594	301,812	13,218
Sugar-cane	...	...	...	...	...	...	747,557	2,362,206	1,614,649
Fruit	...	...	...	...	...	...	381,840	400,131	18,291
All other	...	...	...	...	...	...	227,773	290,949	63,176
Total	...	...	...	...	...	...	4,276,235	6,241,022	1,964,787

The value of all crops for 1913 was £6,241,022 or £1,964,787 more than in the previous year. The increase was mainly contributed by Sugar and Maize, the results from both of which products were records.

The high values obtaining in 1912, moreover, did not continue through the following year, so that with regard to some crops the increased output was nullified by reduced value.

## AREAS CULTIVATED ON FARMS.

In the following table the farms of the State are shown in groups according to their cultivation area :—

C e.

PETTY SESSIONS DISTRICT.	AREA UNDER CULTIVATION.									
	Under 5 Acres.		5 and under 20 Acres.		20 and under 50 Acres.		50 Acres and Over.		Totals.	
	Owners.	Acres.	Owners.	Acres.	Owners.	Acres.	Owners.	Acres.	Owners.	Acres.
Allora ... ..	...	...	7	83	23	872	266	38,663	296	39,618
Ayr ... ..	1	1	20	295	54	1,866	156	25,594	231	27,756
Beaudesert ... ..	51	124	138	1,665	117	3,532	15	1,154	321	6,475
Biggenden ... ..	16	51	138	1,566	112	3,213	15	1,033	281	5,863
Brisbane ... ..	161	488	352	3,755	62	1,679	6	413	581	6,335
Bundaberg ... ..	55	144	171	2,266	277	8,779	130	18,735	633	29,924
Cairns ... ..	29	61	128	1,397	81	2,613	98	11,546	336	15,617
Childers ... ..	19	50	44	494	90	2,985	125	13,793	278	17,322
Clifton ... ..	1	4	9	85	38	1,327	427	65,120	475	66,536
Crow's Nest ... ..	19	62	125	1,713	167	6,184	42	3,582	353	11,541
Dalby ... ..	47	112	122	1,482	148	4,705	217	24,852	534	31,151
Douglas ... ..	13	32	31	346	43	1,309	57	6,127	144	7,814
Dugandan ... ..	8	24	90	1,289	298	9,606	76	4,932	472	15,851
Esk ... ..	24	61	123	1,463	135	4,218	40	3,374	322	9,116
Gatton ... ..	8	26	73	945	286	9,195	153	11,114	520	21,280
Gayndah ... ..	22	76	138	1,713	156	4,569	41	3,248	357	9,606
Gin Gin ... ..	14	50	48	606	103	3,492	57	4,435	222	8,583
Goombungee ... ..	1	4	10	136	76	2,649	84	8,199	171	10,988
Gympie ... ..	103	240	230	2,405	99	2,875	10	656	442	6,176
Harrisville ... ..	7	21	60	746	194	6,478	93	5,771	354	13,016
Helidon ... ..	16	43	109	1,396	107	3,471	32	2,198	264	7,108
Herberton ... ..	48	103	86	865	127	4,205	118	10,182	379	15,355
Highfields ... ..	4	12	63	781	130	3,774	34	2,754	231	7,321
Ingham ... ..	13	20	22	298	59	2,270	161	17,884	255	20,472
Inglewood ... ..	20	75	46	496	35	1,188	28	2,954	129	4,713
Ipswich ... ..	18	47	66	805	73	2,309	21	1,512	178	4,673
Jondaryan ... ..	8	26	50	625	98	3,238	97	13,597	253	17,486
Killarney ... ..	5	13	23	295	34	1,109	176	25,587	238	27,004
Laidley ... ..	11	29	82	1,073	256	8,501	115	8,257	464	17,860
Logan ... ..	100	273	306	3,684	66	1,767	2	119	474	5,843
Lowood ... ..	2	5	36	492	143	4,817	49	3,176	230	8,490
Mackay ... ..	79	216	300	3,920	518	17,206	350	28,588	1,247	49,930
Marburg ... ..	4	13	41	544	140	4,565	46	3,026	231	8,148
Maroochy ... ..	196	503	349	3,478	89	2,492	5	394	639	6,867
Maryborough ... ..	88	202	278	3,212	90	2,559	14	912	470	6,885
Mourilyan ... ..	5	15	18	259	74	2,392	129	11,586	226	14,252
Nanango ... ..	16	50	128	1,548	303	9,554	193	14,943	640	26,095
Oakey ... ..	1	3	12	161	78	2,881	328	48,712	419	51,757
Pittsworth ... ..	3	7	15	202	98	3,547	367	50,290	483	54,046
Proserpine ... ..	30	98	128	1,513	72	2,152	15	1,189	245	4,952
Rockhampton ... ..	113	260	207	2,005	86	2,482	18	2,124	424	6,871
Roma ... ..	24	61	39	467	59	1,905	181	20,414	303	22,847
Rosewood ... ..	6	21	127	1,613	168	5,101	14	867	315	7,602
Tiaro ... ..	57	152	156	1,803	87	2,549	18	1,180	318	5,684
Toowoomba ... ..	112	304	231	2,448	124	3,806	149	18,535	616	25,093
Warwick ... ..	23	48	101	1,143	136	4,574	393	47,984	653	53,749
Wienholt ... ..	9	23	87	1,100	240	7,956	219	19,652	555	28,731
All other Districts ... ..	845	1,989	1,459	15,416	552	15,373	134	16,830	2,990	49,608
Totals, 1913 ... ..	2,455	6,242	6,622	76,092	6,601	209,889	5,514	627,787	21,192	920,010
Totals, 1912 ... ..	2,458	6,359	6,491	73,681	6,307	200,136	5,015	564,244	20,271	844,420
Increase, 1913 ... ..	...	...	131	2,411	294	9,753	499	63,543	921	75,590
Decrease, 1913 ... ..	3	117	...	...	...	...	...	...	...	...

Not only, as already shown, was there a substantial increase in the number of holdings, but those previously in cultivation considerably increased the acreage cultivated.

The only group showing a decrease was the group of less than 5 acres. The fourth group, farms of 50 acres of cultivation and upwards, contributed an increase of 63,543 acres out of the total increase of 75,590 acres. The average area cultivated by all farmers was 43 acres.

Industries directly connected with the treatment of products of agriculture are fostered by the granting of loans by the Government. The conditions obtaining with respect to these advances on 31st December, 1913, were as follow :—

C f.

1. Number of works on which advances have been made to 31st December, 1913	12
2. Total amount advanced to 31st December, 1913 .. .. .	£14,356
3. Number of works now under vote (31st December, 1913) .. .. .	7
4. Total amount advanced on these (31st December, 1913) .. .. .	£9,223
5. Balance outstanding on these (31st December, 1913) .. .. .	£5,783
6. Amount advanced during 1913 .. .. .	Nil.

Compared with corresponding particulars for 1912 it is found that some £596 was paid off during the year. No further advance was made during 1913.



## IRRIGATION.

There was a considerably greater use of irrigation as an aid to the farmer last year, although still short of the extent existing some eight or ten years ago.

## D.

Year.						Acres Irrigated.	Year.						i Acres Irrigated.
1904	...	...	...	...	...	13,360	1909	...	...	...	...	...	8,470
1905	...	...	...	...	...	13,693	1910	...	...	...	...	...	8,007
1906	...	...	...	...	...	9,922	1911	...	...	...	...	...	8,661
1907	...	...	...	...	...	9,612	1912	...	...	...	...	...	9,420
1908	...	...	...	...	...	8,247	1913	...	...	...	...	...	11,904

The details contained in this table are so complete that they speak for themselves. It will be noted that sugar-cane in the Burdekin delta is the crop and the location upon which and where irrigation is most in use.

## D a.

## IRRIGATION.

Petty Sessions District.	Number of Irrigators.	Acres Irrigated.	Original Source of Water Supply.	Means Employed for Procurement and Utilisation.	Principal Crops Treated.
Allora ... ..	6	54	Dalrymple Creek ... ..	Steam pumps, gravitation ... ..	Lucerne, vegetables, c.
Ayr ... ..	145	7,417	Wells, Lagoons, Burdekin River	do. ... ..	Sugar-cane
Bowen ... ..	64	645	Wells, creek, river ... ..	Steam pumps, windmills, &c. ... ..	Fruit and vegetables
Brisbane ... ..	23	89	Creek and wells ... ..	Hot-air and horse pumps ... ..	do.
Bundaberg ... ..	5	193	River ... ..	Steam and oil engines, windmills	Sugar-cane
Charters Towers	21	61	Wells ... ..	Hot-air and horse pumps, windmills	Fruit and vegetables
Clermont ... ..	6	44	Creek ... ..	Windmills, &c. ... ..	Vegetables
Clifton ... ..	6	135	Creek ... ..	Oil engine ... ..	Lucerne
Cunnamulla ... ..	5	496	Bore ... ..	Gravitation ... ..	Wheaten hay
Goondiwindi ... ..	7	40	River and creek ... ..	Oil engine ... ..	Vegetables and fruit
Harrisville ... ..	7	87	Creek and wells ... ..	Oil and steam engines, windmills	Vegetables
Herberton ... ..	11	44	Creek and wells ... ..	Gravitation and pumping ... ..	Fruit and vegetables
Hughenden ... ..	2	60	Creek and wells ... ..	Steam and horse pumps ... ..	Fruit
Hungerford ... ..	2	250	Bore ... ..	Drains ... ..	Wheaten hay
Ingham ... ..	1	90	Creek ... ..	Pumping ... ..	Sugar-cane
Inglewood ... ..	3	70	McIntyre Brook ... ..	Pumping ... ..	Lucerne and tobacco
Mackay ... ..	6	47	Wells ... ..	Windmill and horse pumps	Vegetables
Richmond ... ..	1	40	Bore ... ..	Gravitation ... ..	do.
Rockhampton ... ..	56	509	Wells, &c. ... ..	Horse, oil, and steam pumps	Fruit and vegetables
Stanthorpe ... ..	18	67	Springs and river ... ..	Steam and oil pumps ... ..	Vegetables and fruit
St. George ... ..	9	47	Wells and rivers ... ..	Steam and oil pumps ... ..	do.
Texas ... ..	3	79	River ... ..	Oil engine ... ..	do.
Toowoomba ... ..	25	43	Wells ... ..	Windmills ... ..	do.
Townsville ... ..	38	487	Creeks, wells, and river ... ..	Steam, horse and oil pumps	do.
Warwick ... ..	4	104	River and wells ... ..	Steam pump ... ..	do.
Other Districts ... ..	184	702	Various ... ..	Various ... ..	Mostly market gardens
Total, 1913 ... ..	657	11,904			

## WHEAT.

The records of the results secured from the wheat crop show that the cultivation here is attended by much uncertainty. In 1912 the results were more favourable than for any year since 1904. This, no doubt, led to the sowing of a larger area with this cereal in 1913, but the crop then was not quite so satisfactory. There seems little doubt that this uncertainty as to wheat as a crop could be largely eliminated by the adoption of a more scientific and thorough method of cultivation. The uncertainty is largely due to the periodic recurrence of seasons of limited rainfall, and that this can be greatly modified by a system of special cultivation has now been fully demonstrated. Besides this question of what is known as dry farming, a careful investigation of past and present average yields provides evidence to justify the conclusion that soil depletion, due doubtless to insufficient manuring and rotation of crops is too frequently prevalent. In the 9 years 1870 to 1878 inclusive, the average yield never fell below 10 bushels, whilst on four occasions it exceeded 20 bushels, the mean of the averages for the 9 years being 18.39 bushels. Ignoring the next two decades, the mean yield for the 10 years ending 1913 was 12.04 only. The following statement shows the disposal of the 172,296 acres that were sown with wheat last year.

	Acres.
Cut for grain ... ..	132,655
Cut for hay ... ..	12,648
Cut for green fodder ... ..	26,993
	172,296

Of the total area 132,655 acres were employed in the production of material for breadstuff, and at the present moment these only invite attention. The 39,641 acres mown for hay or cut for green forage will be dealt with later on.

The results of the wheat grain crop for the last 10 years were as follow :—

E.  
WHEAT (GRAIN).  
RETURN FOR TEN YEARS.

Year.	Area.	Produce.	Average per Acre.	INCREASE OR — DECREASE ON THE PREVIOUS YEAR.		
				Area.	Produce.	Average per Acre.
				Acres.	Bushels.	Bushels.
1904	150,958	2,149,663	14·24	12,862	— 287,136	— 3·41
1905	119,356	1,137,321	9·53	— 31,602	— 1,012,342	— 4·71
1906	114,575	1,108,902	9·68	— 4,781	— 28,419	0·15
1907	82,461	693,527	8·41	— 32,114	— 415,375	— 1·27
1908	80,898	1,202,799	14·87	— 1,563	509,272	6·46
1909	117,160	1,571,589	13·41	36,262	368,790	— 1·46
1910	106,718	1,022,373	9·58	— 10,442	— 549,206	— 3·83
1911	42,962	285,109	6·64	— 63,756	— 737,264	— 2·94
1912	124,963	1,975,505	15·81	82,001	1,690,396	9·17
1913	132,655	1,769,432	13·34	7,692	206,073	— 2·47
Average of Ten Years	107,271	1,291,622	12·04	...	..	...

The record area was reaped in 1904, namely—150,958 acres, followed by 138,096 acres in 1903, last year ranking third with 132,655 acres. The record output was in 1903 with 2,436,799 bushels. For the 10 years last past, the larger aggregate returns have been 1904, 2,149,663 bushels; 1912, 1,975,505 bushels; 1913 coming third with 1,769,432 bushels. Average yields per acre exceeding 10 bushels were—1912, 15.81 bushels; 1908, 14.87 bushels; 1904, 14.24 bushels; 1909, 13.41 bushels; and 1913, 13.34 bushels. The average for the whole 10 years was 12.04 bushels per acre.

Queensland compares favourably as to average yield with the other Australian States.

E a.

States.	Average Produce per Acre—Bushels.										
	1904.	1905.	1906.	1907.	1908.	1909.	1910.	1911.	1912.	1913.	Mean for 10 Years ending 1913.
Queensland	14·2	9·5	9·7	8·4	14·9	13·4	9·6	6·6	15·81	13·34	12·04
New South Wales	9·3	10·7	11·7	6·6	11·1	14·3	13·1	10·6	14·56	11·75	11·59
Victoria	9·3	11·3	11·1	6·6	13·1	13·7	14·5	9·7	12·58	12·84	11·55
South Australia	7·0	11·8	*10·4	11·1	11·5	13·3	11·6	9·1	10·34	8·20	10·40
Western Australia	11·1	11·8	11·0	10·5	8·6	12·5	10·1	7·1	11·56	12·98	10·94
Tasmania	18·4	18·8	19·9	21·0	24·1	21·4	21·5	18·8	24·99	23·34	20·73

\* On area reaped and sown.

For the year 1913 as well as for the decade then ending this State's average was second best, but while only a little better than four of them Queensland's average was surpassed by that of Tasmania by more than 50 per cent. South Australia, one of the large wheat-producing States, was some 15 or 20 years ago only securing returns of 4 to 7 bushels per acre. Remodelling her methods, including liberal use of fertilisers, the average yield has jumped to about 11 bushels. The Southern State was unfortunately visited by a drought in 1913, just at and after planting, and although in September and October the situation was relieved somewhat by rain this was too late and too inadequate to give satisfactory results, and the somewhat poor—compared with recent years, average yield of 8.20 bushels only was obtained.



Greater details as to the last two season's crop in Queensland are given in the following table:—

## E b.

Divisions and Petty Sessions Districts.	WHEAT FOR GRAIN.								
	1912.			1913.			INCREASE OR - DECREASE		
	Area.	Produce.	Average per Acre.	Area.	Produce.	Average per Acre.	Area.	Produce.	Average per Acre.
	Acres.	Bushels.	Bushels.	Acres.	Bushels.	Bushels.	Acres.	Bushels.	Bushels.
<b>MORETON.</b>									
Crow's Nest ... ..	593	9,240	15·58	839	15,715	18·73	246	6,475	3·15
Dugandan ... ..	11	250	22·73	10	207	20·70	1	43	- 2·03
Gatton ... ..	3	60	20·00	4	30	7·50	1	30	- 12·50
Helidon ... ..	...	...	...	1	18	18·00	1	18	...
Laidley ... ..	...	...	...	14	75	5·36	14	75	...
Rosewood ... ..	...	...	...	2	30	15·00	2	30	...
Total, Moreton ... ..	607	9,550	15·73	870	16,075	18·48	263	6,525	2·75
<b>WIDE BAY.</b>									
Gayndah ... ..	...	...	...	3	63	21·00	3	63	...
Maryborough ... ..	...	...	...	7	200	28·57	7	200	...
Nanango ... ..	566	8,064	14·25	925	12,750	13·78	359	4,686	- 0·47
Wienholt ... ..	187	1,781	9·52	206	2,549	12·37	19	768	2·85
Total, Wide Bay ... ..	753	9,845	13·07	1,141	15,562	13·64	388	5,717	0·57
<b>PORT CURTIS.</b>									
Rockhampton ... ..	7	84	12·00	...	...	...	7	84	...
Total, Port Curtis ... ..	7	84	12·00	...	...	...	7	84	...
<b>CENTRAL.</b>									
Emerald ... ..	...	...	...	45	600	13·33	45	600	...
Total Central ... ..	...	...	...	45	600	13·33	45	600	...
<b>MARANOA.</b>									
Mitchell ... ..	1,144	10,404	9·09	1,545	10,749	6·95	401	345	- 2·14
Roma ... ..	8,232	72,203	8·77	9,876	73,453	7·44	1,644	1,250	- 1·33
Surat ... ..	4	30	7·50	4	16	4·00	...	14	- 3·50
Yeulba ... ..	62	400	6·45	142	504	3·55	80	104	- 2·90
Total, Maranoa ... ..	9,442	83,037	8·79	11,567	84,722	7·32	2,125	1,685	- 1·47
<b>DOWNS.</b>									
Allora ... ..	15,565	293,991	18·89	14,387	225,233	15·66	1,178	68,758	- 3·23
Clifton ... ..	22,977	320,689	13·96	22,030	291,024	13·21	947	29,665	- 0·75
Condamine ... ..	199	1,200	6·03	118	805	6·82	81	395	0·79
Dalby ... ..	9,517	95,782	10·06	11,382	116,674	10·25	1,865	20,892	0·19
Goombungee ... ..	2,219	29,938	13·49	2,483	31,939	12·86	264	2,001	- 0·63
Goondiwindi ... ..	210	4,539	21·61	922	14,454	15·68	712	9,915	- 5·93
Highfields ... ..	1,048	16,328	15·58	770	9,112	11·83	278	7,216	- 3·75
Inglewood ... ..	1,055	17,290	16·39	1,326	18,379	13·86	271	1,089	- 2·53
Jondaryan ... ..	3,472	65,028	18·73	3,589	29,891	8·30	117	35,137	- 10·43
Killarney ... ..	10,205	236,501	23·18	11,013	215,773	19·59	808	20,728	- 3·59
Oakey ... ..	9,928	133,994	13·50	10,664	94,658	8·88	736	39,336	- 4·62
Pittsworth ... ..	14,249	223,083	15·66	16,350	189,326	11·58	2,101	33,757	- 4·08
Stanthorpe ... ..	12	150	12·50	...	...	...	12	150	...
Texas ... ..	2	54	27·00	172	1,192	6·93	170	1,138	- 20·07
Toowoomba ... ..	2,992	44,413	14·84	2,860	39,649	13·86	132	4,764	- 0·98
Warwick ... ..	20,504	390,009	19·02	20,966	374,364	17·85	462	15,645	- 1·17
Total, Downs ... ..	114,154	1,872,989	16·41	119,032	1,652,473	13·88	4,878	220,516	- 2·53
Total, State ... ..	124,963	1,975,505	15·81	132,655	1,769,432	13·34	7,692	206,073	- 2·47

Although wheat farmers may be said to practically confine their attention to the south-east of the State—the Darling Downs returning nine-tenths of the total output—yet last year wheat was grown as far north as Rockhampton and Emerald, and as far west as Mitchell and Surat.

In 1913 119,032 acres, or 90 per cent. of the total wheat area, were reaped in the Darling Downs division, the remaining 10 per cent., excepting a few acres in Wide Bay, Moreton, and Port Curtis division, being found in the Western Downs area of Maranoa. In the latter division, although a greater area was planted in 1913 than in 1912—11,567 acres instead of 9,442 acres—the average yield was less in the later year, the aggregate production in 1913 only exceeded that for 1912 by 1,685 bushels. The average return per acre on the Darling Downs was 2·53 bushels less last year than in 1912, so that although there were 4,878 more acres cut there was a decreased output of 220,516 bushels.

Roundly speaking, Queensland requires about 4,000,000 bushels of wheat per annum to supply her breadstuff requirements, so that the production for 1913 did not go half-way to this end, leaving 2,250,000 to be supplied from beyond the State. Wheat returns in Queensland show a larger yield

per acre than in any State of the Commonwealth except Tasmania, yet our farmers provide less than half our breadstuffs. The wheat converted into flour did not quite equal the year's production.

E c.

District.	Number of Establishments.	Number of Hands Employed.	Pairs of Stones.	Sets of Rollers.	Wheat Treated.	FLOUR MADE.		MEAL MADE.		BRAN AND POLLARD.	
						Tons.	Value.	Tons.	Value.	Bushels.	Value.
Metropolitan ... ..	3	66	Pairs. 10	Sets. 25	788,477	15,486	£ 132,321	100	£ 840	708,400	£ 35,420
Elsewhere ... ..	8	100	2	60	908,892	18,403	161,923	74	816	862,044	40,966
Total, 1913 ... ..	11	166	12	85	1,697,369	33,889	294,244	174	1,656	1,570,444	76,386
„, 1912 ... ..	11	184	7	83	1,318,046	25,855	248,715	143	1,401	1,289,769	68,286

At some of the above establishments but little wheat is treated, such factories being principally devoted to treating other grain, consequently particulars as to hands and factory do not exactly match with the output. Information respecting Grain Mills will be found in Part K of the Statistical Register.

There were the same number of establishments engaged in the industry in both of the last two years, but the trade showed considerably greater activity in 1913. There were 379,323 more bushels of wheat treated and 8,034 more tons of flour produced.

BARLEY.

There were 19,862 acres sown with this grain last year, or 3,671 acres more than in 1912.

F.

Barley.										1912.	1913.
										Acres.	Acres.
Reaped for grain ... ..	...	...	...	...	...	...	...	...	...	9,447	8,826
Mown for hay ... ..	...	...	...	...	...	...	...	...	...	523	602
Used for green food ... ..	...	...	...	...	...	...	...	...	...	6,221	10,434
Totals ... ..	...	...	...	...	...	...	...	...	...	16,191	19,862

Of the total area sown less than half—8,826 acres only—were reaped for grain. The 11,036 acres cut for hay and green fodder will be dealt with later on.

Of the portion of the crop garnered as grain, the area and the produce and the average yield were all below the results for 1912.

F a.

Year.								Area for Grain.	Produce.	Average Produce per Acre.
								Acres.	Bushels.	Bushels.
1912 ... ..	...	...	...	...	...	...	...	9,447	146,847	15·54
1913 ... ..	...	...	...	...	...	...	...	8,826	115,975	13·14
Increase, 1913 ... ..	...	...	...	...	...	...	...	...	...	...
Decrease, 1913 ... ..	...	...	...	...	...	...	...	621	30,872	2·40

As barley is but little used as a breadstuff in Queensland it may be generally accepted that, except to provide seed for future planting, the reason for the cereal as a grain crop is for the production of malt.

Of the area reaped not quite three-fourths was returned as sown with grain of the malting varieties.

F b.

Petty Sessions District.	Malting Grain.			Other Varieties Grain.		
	Acres.	Bushels.	Average per Acre, Bushels.	Acres.	Bushels.	Average per Acre, Bushels.
Allora ... ..	553	7,173	12·97	36	351	9·75
Clifton ... ..	1,796	25,410	14·15	36	324	9·00
Crow's Nest ... ..	135	2,649	19·62	218	5,392	24·73
Dalby ... ..	464	3,878	8·36	90	951	10·57
Goombungee ... ..	69	740	10·72	83	1,285	15·48
Highfields ... ..	408	3,771	9·24	45	459	10·20
Jondaryan ... ..	101	536	5·31	80	540	6·75
Killarney ... ..	140	2,803	20·02	352	4,865	13·82
Oakey ... ..	579	5,900	10·19	29	474	16·34
Pittsworth ... ..	1,070	12,829	11·99	777	8,818	11·35
Toowoomba ... ..	270	3,036	11·24	149	2,788	18·71
Warwick ... ..	544	7,692	14·14	640	11,563	18·07
All other Districts ... ..	136	1,521	11·18	17	227	13·35
Total, 1913 ... ..	6,274	77,938	12·42	2,552	38,037	14·90



It will be seen that the cultivation of barley is practically confined to the Darling Downs. Small areas of both malting and other barley in the Crow's Nest district gave satisfactory results, the 353 acres returned there giving an average yield considerably in excess of 20 bushels to each acre, the figure for the whole State being 13.14 bushels.

The malting industry appears to fluctuate in a somewhat strange way. Although in part due to the varying production of barley, that is not a full explanation of the matter.

F c.

Year.								Made from Imported Barley.	Made from Queens-land Barley.	Total Malt Made.	Beer (including Waste).	Malt used in Breweries as returned to Excise.
								Bushels.	Bushels.	Bushels.	Gallons.	Bushels.
1905	...	...	...	...	...	...	...	...	107,521	107,521	4,568,916	155,840
1906	...	...	...	...	...	...	...	12,120	25,734	37,854	4,749,376	149,393
1907	...	...	...	...	...	...	...	35,871	45,824	81,695	5,102,731	171,753
1908	...	...	...	...	...	...	...	...	104,426	104,426	5,046,446	168,099
1909	...	...	...	...	...	...	...	...	110,020	110,020	5,362,791	179,175
1910	...	...	...	...	...	...	...	...	122,811	122,811	5,736,876	190,020
1911	...	...	...	...	...	...	...	...	155,087	155,087	6,375,228	208,766
1912	...	...	...	...	...	...	...	197,160	4,735	201,895	6,809,405	224,852
1913	...	...	...	...	...	...	...	65,830	85,769	151,599	6,248,304	203,564

One bushel of malt represents practically 1 bushel of barley. During the past 9 years our brewers' requirements averaged 183,000 bushels of malt per annum. Of this our malthouses provided on an average 107,000 bushels, leaving a gap of 76,000 bushels each year to be filled in by imports either from the other States or elsewhere, representing an amount of barley equal to fully 50 per cent. of our average annual production of malting barley. A considerable quantity of grain is, of course, required for seed, but as quantities returned as malting barley only have been dealt with, whilst other varieties are not infrequently bought by the maltster, the one has been allowed against the other in this deduction.

MAIZE.

Maize proved a most satisfactory crop last year. The area planted and the return obtained have only once been exceeded, whilst the average yield was better than any secured since 1897.

G.

Year.								Grain.		Average per Acre.
								Acres.	Bushels.	Bushels.
1909	...	...	...	...	...	...	...	132,313	2,508,761	18.96
1910	...	...	...	...	...	...	...	180,862	4,460,306	24.66
1911	...	...	...	...	...	...	...	153,916	3,637,562	23.63
1912	...	...	...	...	...	...	...	117,993	2,524,371	21.39
1913	...	...	...	...	...	...	...	156,775	3,915,376	24.97

Maize, perhaps more than any other crop, fails to secure just treatment at the farmer's hands; double cropping, either by sowing twice in the year or else by combining with other varieties of plants such as pumpkins, &c., is frequently practised, whilst the grain is expected to give good results planted in the same land year after year without fertilisers, seed selection, or sufficient cultivation; therefore, is it a matter for surprise that whilst 30 to 35 years ago the average return for maize for the whole State ranged from 27 to 32 bushels to each acre, during the last 5 years the yield was 19 to 25 bushels only? These 6 additional bushels which might, without doubt, be secured would, on the 1913 acreage, valued at the not excessive price of 3s. 4d. per bushel, represent £156,775—a sum that would provide, surely, for a more liberal system of cultivation and still leave a substantial margin of profit.

That soil depletion is the cause of the shrinkage in average yield is plainly evidenced on a close analysis of the maize crop in the various localities where it is grown.

G a.  
MAIZE (GRAIN).

Division or Group.	Acres.	Produce.	Average.	Proportion of Divisional Area to Total Area of Maize for Grain.
		Bushels.	Bushels.	
Moreton ... ..	50,376	1,061,382	21·07	32·13
Wide Bay ... ..	53,438	1,564,628	29·28	34·09
Port Curtis ... ..	2,022	47,309	23·40	1·29
Edgumbe ... ..	456	9,135	20·03	0·29
Rockingham ... ..	14,981	586,316	39·14	9·55
York Peninsula ... ..	260	6,172	23·74	0·17
Carpentaria ... ..	216	3,907	18·09	0·14
Central Western ... ..	...	...	...	...
South Western ... ..	...	...	...	...
Central ... ..	47	996	21·19	0·03
Maranoa ... ..	275	3,802	13·83	0·17
Downs ... ..	34,704	631,729	18·20	22·14
Total ... ..	156,775	3,915,376	24·97	100·00

The Moreton and Downs division, which in the early eighties were almost exclusively the districts contributing the average yield of 26 to 32 bushels, to which reference has just been made, last year returned averages of 21 and 18 bushels only, whilst the recently opened farming districts of Wide Bay and Rockingham furnished flourishing averages of 29 and 39 bushels to each acre. It will be interesting to note whether the same fate awaits the virgin soils of the Upper Burnett and Atherton that has already been dealt to the one-time just as renowned and as fertile virgin soils of the Logan, West Moreton, Pine, and Maroochy.

The following table compares the maize crop district by district for 1912 and 1913:—

G b.

Petty Sessions District.	Area for Grain.			Produce.			Average per Acre.		
	1912.	1913.	Increase or Decrease	1912.	1913.	Increase or Decrease	1912.	1913.	Increase or Decrease.
	Acres.	Acres.	Acres.	Bushels.	Bushels.	Bushels.	Bushels.	Bushels.	Bushels
Allora ... ..	971	4,028	3,057	9,822	103,613	93,891	10·12	25·72	15·60
Beaudesert ... ..	2,671	2,702	31	66,031	69,060	3,029	24·72	25·56	0·84
Biggenden ... ..	2,897	3,542	645	48,794	92,702	43,908	16·84	26·17	9·33
Bundaberg ... ..	1,831	1,517	— 314	37,308	30,092	— 7,216	20·38	19·84	— 0·54
Clifton ... ..	1,765	6,446	4,681	9,089	117,685	108,596	5·15	18·26	13·11
Crow's Nest ... ..	2,702	4,434	1,732	41,344	99,349	58,005	15·30	22·41	7·11
Dalby ... ..	1,958	2,063	105	17,959	24,087	6,125	9·17	11·67	2·50
Dugandan ... ..	4,834	7,682	2,848	56,148	147,070	90,922	11·62	19·14	7·52
Esk ... ..	1,815	2,417	602	39,811	64,322	24,511	21·93	26·61	4·68
Gatton ... ..	6,447	4,991	— 1,456	127,031	84,691	— 42,340	19·70	16·97	— 2·73
Gayndah ... ..	2,381	5,385	3,004	31,182	142,623	111,441	13·10	26·49	13·39
Gin Gin ... ..	1,068	1,146	78	22,536	23,889	1,353	21·10	20·85	— 0·25
Goombungee ... ..	1,292	1,171	— 121	10,944	14,528	3,584	8·47	12·41	3·94
Gympie ... ..	2,671	2,786	115	78,507	82,134	3,627	29·39	29·48	0·09
Harrisville ... ..	2,700	3,092	392	38,370	54,435	16,065	14·21	17·61	3·40
Helidon ... ..	*	1,021	1,021	*	19,708	19,708	*	19·30	*
Herberton ... ..	13,042	14,510	1,468	722,741	574,736	— 148,005	55·42	39·61	— 15·81
Highfields ... ..	871	1,688	817	8,051	31,503	23,452	9·24	18·66	9·42
Jondaryan ... ..	1,297	1,099	— 198	12,062	10,628	— 1,434	9·30	9·67	0·37
Killarney ... ..	5,143	4,288	— 855	23,405	85,407	62,002	4·55	19·92	15·37
Laidley ... ..	8,527	7,520	— 1,007	162,415	142,736	— 19,679	19·05	18·98	— 0·07
Logan ... ..	1,340	1,301	— 39	30,568	34,369	3,801	22·81	26·42	3·61
Lowood ... ..	†	3,750	3,750	†	72,523	72,523	†	19·34	†
Marburg ... ..	3,220	2,842	— 378	53,066	60,063	6,997	16·48	21·13	4·65
Maroochy ... ..	1,112	1,015	— 97	37,254	31,978	— 5,276	33·50	31·50	2·00
Nanango ... ..	12,825	15,379	2,554	220,593	442,942	222,349	17·20	28·80	11·60
Nerang ... ..	1,054	967	— 87	29,981	28,170	— 1,811	28·44	29·13	0·69
Oakey ... ..	772	1,577	805	5,661	20,444	14,783	7·33	12·96	5·63
Pittsworth ... ..	400	1,708	1,308	2,442	25,531	23,089	6·11	14·95	8·84
Rosewood ... ..	2,343	2,755	412	40,690	46,709	6,019	17·37	16·95	— 0·42
Toowoomba ... ..	1,108	2,428	1,320	12,523	44,686	32,163	11·30	18·40	7·10
Warwick ... ..	4,141	7,223	3,082	39,298	142,184	102,886	9·49	19·68	10·19
Wienholt ... ..	12,519	20,644	8,125	254,956	672,403	417,447	20·37	32·57	12·20
All other Districts ...	10,276	11,658	1,382	233,789	278,376	44,587	22·75	23·88	1·13
Total State ... ..	117,993	156,775	38,782	2,524,371	3,915,376	1,391,005	21·39	24·97	3·58

\* Previously formed portion of Gatton.

† Previously formed part of five other districts.



Comparing the areas, the largest increase in 1913 was the Petty Sessions District of Weinholt, where the increase of 7,985 acres amounted to about 61 per cent. on the 1912 figures. Other substantial increases were—Clifton, 4,681 acres; Warwick, 3,082 acres; Gayndah, 3,004 acres; and Allora, 3,057 acres. In production, also, Weinholt was first with an increase of 415,417 bushels, nearly three times the output of the previous year. Nanango with 222,349 more bushels, Gayndah with 111,441, Clifton with 108,596, and Warwick with 102,806 were other important increases.

OATS.

Although a large area is placed under this cereal it is comparatively insignificant as a grain crop, the results being almost entirely utilised for hay and green forage. The total area sown and how disposed of is shown in the following table:—

H.

Oats.	1909.	1910.	1911.	1912.	1913.
	Acres.	Acres.	Acres.	Acres.	Acres.
Reaped for grain ... ..	2,789	2,537	557	4,232	4,093
Mown for hay ... ..	16,752	13,052	5,403	19,539	16,020
Cut for green fodder ... ..	13,981	11,658	9,911	18,464	31,182
Totals ... ..	33,522	27,247	15,871	42,235	51,295

Of the 51,295 acres sown with oats in 1913 only 4,093 acres, or less than one-twelfth, were reaped for grain. The area sown last year was much greater than in any of the previous 4 years, being 9,060 acres in excess of that sown in 1912, the next greatest acreage.

The area reaped for grain last year was somewhat less than that so treated in 1912.

H a.

Year.	Area for Grain.	Produce.	Average per Acre.
	Acres.	Bushels.	Bushels.
1912 ... ..	4,232	82,420	19.48
1913 ... ..	4,093	56,236	13.74
Increase, 1913 ... ..	...	...	...
Decrease, 1913 ... ..	139	26,184	5.74

The average yield last year was 13.74 bushels, against 19.48 bushels in 1912, and the production 56,236 bushels, against 82,420.

There is a large demand for this cereal, for human food in the form of oatmeal as well as feed for racehorses, but the exact extent of the requirement cannot be ascertained, as no record of the importations of oats and oatmeal from other States is now available.

RICE.

The cultivation of rice is now practically extinct in Queensland.

I.

Year.	Acres.	Bushels.	Average per Acre.
1904 ... ..	60	1,638	27.30
1905 ... ..	33	885	26.82
1906 ... ..	24	772	32.17
1907 ... ..	14	343	24.50
1908 ... ..	7	270	38.57
1909 ... ..	...	...	...
1910 ... ..	2	22	11.00
1911 ... ..	15	402	26.80
1912 ... ..	1	27	27.00
1913 ... ..	5	118	23.60

From the 5 acres planted last year 118 bushels were obtained. The average yield of the grain is, on the whole, greater than that of some other cereals, but it is a crop that does not lend itself readily to the use of implements in its cultivation or harvesting, and special machinery is required for its subsequent treatment. These difficulties, comprised with high wages, militate against its profitable production.

RYE.

As this is practically never used as a breadstuff in this State its cultivation for grain is chiefly restricted to obtaining seed for sowing for green forage.

J.

Year.							Area.	Produce.	Average per Acre.
							Acres.	Bushels.	Bushels.
1909	...	...	...	...	...	...	171	2,457	14·37
1910	...	...	...	...	...	...	105	1,698	16·17
1911	...	...	...	...	...	...	19	184	9·68
1912	...	...	...	...	...	...	103	1,613	15·66
1913	...	...	...	...	...	...	91	951	10·44

POTATOES.

There was a considerably greater area planted last year with this tuber.

Ja.

POTATOES (ENGLISH).

		Acres.			Tons.			Value.
1910	..	8,326	..	15,632	..	£132,872		
1911	..	7,688	..	13,087	..	£91,609		
1912	..	8,822	..	16,386	..	£204,825		
1913	..	10,085	..	16,548	..	£198,576		

From 10,085 acres a return of 16,548 tcns were obtained, of a value of £198,576. The average yield per acre was 1.64 tons, which at £12 per ton, the estimated value of the crop, gives a return of £19 13s. 7d. to each acre; such a result, it might be thought, would prove a sufficient inducement to fully supply at least the local requirements. This is not the case, as potatoes are still imported, although in the absence of any record of interstate trade by the Customs it is impossible to say exactly to what extent, but 22,177 tcns were passed inwards on examination by inspectors of the Agricultural Department. The consumption, moreover, would be augmented with a reduction not necessarily large in the retail price of the article.

POTATOES (SWEET).

An increased area was planted with sweet potatoes in 1913, 3,224 acres yielding 14,425 tons of root of an estimated value of £86,550.

PUMPKINS AND MELONS.

Pumpkins are mainly grown for the feeding of stock, although the finer varieties are much used as a table vegetable. The melon is almost exclusively used for human diet—rock and water melon in their natural state and the pie melon for preserves, mostly.

The combined area under pumpkins and melons last year was 6,556 acres, yielding 20,208 tons, estimated to be worth £60,624. The corresponding figures for 1912 were—6,122 acres, 17,645 tons, £61,758 value. The value of all agricultural crops being high in 1912.

COTTON.

No crop has been so systematically cultivated over so prolonged a period with but little financial success. Under the stimulation of land grant and bonus and the establishment of a factory for the treatment of the staple, the production has flourished for a time to sink back into insignificance. All the failure is due to one cause—the cost of picking. The climate of much of this State is eminently satisfactory, whilst it need not be said soil of any kind is abundant. The bush can be successfully grown, but how to harvest the crop? Hope has been raised again and again by the promise of the invention of mechanical methods of harvesting. Until now these promises have not reached fruition, but success would appear to be in sight. One of the United States Commissioners now in Queensland recently stated that there were two or three different kinds of machines now successfully operating in the United States. This should solve the problem for Queensland, which may yet hope to take a prominent stand in the production of this valuable crop.



The Department of Agriculture, wishing to induce farmers to again start the growing of cotton, have established in Brisbane a small ginning plant for the service of farmers. A comparison of the cotton crop for each of the past two years is afforded by the following table:—

K.

Division or Group.						1912.		1913.	
						Acres.	Lb. Seed Cotton.	Acres.	Lb. Seed Cotton.
Moreton	...	...	...	...	...	92	97,851	4	1,200
Wide Bay	...	...	...	...	...	72	22,269	...	...
Port Curtis	...	...	...	...	...	...	...	...	...
Edgumbe	...	...	...	...	...	...	...	...	...
Rockingham	...	...	...	...	...	240	28,340	160	28,610
York Peninsula	...	...	...	...	...	19	1,754	13	1,720
Carpentaria	...	...	...	...	...	...	...	...	...
Central Western	...	...	...	...	...	...	...	...	...
South Western	...	...	...	...	...	...	...	...	...
Central	...	...	...	...	...	18	200	8	200
Maranoa	...	...	...	...	...	...	...	...	...
Downs	...	...	...	...	...	...	...	29	3,500
Totals	...	...	...	...	...	441	150,414	214	35,230

SUGAR.

Last year's experience with regard to sugar production was a record one.

The area under cultivation, the area cut for crushing, the aggregate and the average yield all being greater than on any previous occasion.

There were, in 1913, 147,743 acres under cane, of which 102,803 were cut for crushing, returning 242,837 tons of 94 per cent. net titre sugar, an average return of 2.36 tons to each acre.

The crop for 1912 was a poor one, the aggregate output being less than half of that for the succeeding year.

In December a preliminary estimate of the sugar crop for last year was issued from this Bureau. Therein the figures arrived at were:—Area crushed, 103,090 acres; tons of cane cut, 2,065,144; tons of sugar made (94 net titre), 241,496. Thus the estimate of area crushed was 287 acres in excess of the actual as shown by the completed returns, whilst the estimates of tonnage crushed and tons of sugar made were exceeded in the final figures by 20,444 and 1,341 tons each respectively.

The number of plantations, the aggregate area, and the average area of each plantation were:—

L.

—						Number of Plantations.	Area under Cane.	Average to each Planter.
							Acres.	Acres.
No. 1 District	...	...	...	...	...	706	42,403	60
„ 2	„	...	...	...	...	1,583	54,586	34
„ 3	„	...	...	...	...	1,352	46,652	35
„ 4	„	...	...	...	...	341	4,102	12
Total	...	...	...	...	...	3,982	147,743	37

The foregoing, though substantially correct, is not exact. Nothing less than 5 acres is counted as a plantation, while the whole acreage is included. The actual figures, therefore, in column 2 should be slightly increased. A large proportion of the cultivation of less than 5 acres would be in District No. 4.

There were 81 more plantations in 1913 than in 1912. A comparison of the sugar production of each of the past five years is here afforded.

L a.

Year.						Acres Cultivated.	Acres Crushed.	PRODUCE.	
								Tons Cane.	Tons Sugar, at 94 per cent. net titre.
1909	...	...	...	...	...	128,178	80,095	1,163,569	134,584
1910	...	...	...	...	...	141,779	94,641	1,840,447	210,756
1911	...	...	...	...	...	130,376	95,766	1,534,451	173,296
1912	...	...	...	...	...	141,652	78,142	994,212	113,060
1913	...	...	...	...	...	147,743	102,803	2,085,588	242,837

Taking the two years of greater production—1910 and 1913—the areas under cultivation were 141,779 acres in the former and 147,743 in the latter, an increase of 5,964 acres. The increase in area crushed was even greater—from 94,641 in 1910 to 102,803 in 1913, or an increase of 8,162 acres. But the actual production of sugar showed a still greater advance, viz:—From 210,756 tons to 242,837 tons, an actual increase of 32,081 tons, or a proportionate increase exceeding 15 per cent. These figures, it must be kept in mind, are not in comparison with those of the previous year, but with those of the previous record year.

Both as to quantity and quality the cane crop for 1913 was an exceptional one.

Lb.

Year.									TO EACH ACRE CRUSHED.		Tons of Cane to One Ton of Sugar.
									Tons of Cane.	Tons of Sugar.	
1909	...	...	...	...	...	...	...	...	14·53	1·68	8·65
1910	...	...	...	...	...	...	...	...	19·45	2·23	8·73
1911	...	...	...	...	...	...	...	...	16·02	1·81	8·85
1912	...	...	...	...	...	...	...	...	12·72	1·45	8·79
1913	...	...	...	...	...	...	...	...	20·29	2·36	8·59

These figures show the exceptional character of last year's crop. Passing 1912, the poorest year of the quinquennium, there were 20.29 tons harvested from each acre in 1913 as against 19.45 tons in 1910. The average yield of sugar was 2.36 tons to each acre in the former and 2.23 tons in the latter year, whilst each ton of sugar was produced from 8.73 tons of cane in 1910, and from 8.59 tons only in 1913.

*Molasses.*—There were 9,075,338 gallons of molasses returned, of which fully one-third were wasted. Some three and a-third million gallons were sold either to distilleries or others, nearly one million gallons were used for food for stock, and half a million gallons were utilised for manure.

The following table gives detailed particulars for 1913 in each sugar-growing division of the State:—

Lc.

Division and District.	Area for Plants.	Area Stand-over or Unproductive.	Area Crushed for Sugar.	Total Area for Sugar.	Weight of Cane.	Sugar.	Molasses.
	Acres.	Acres	Acres.	Acres.	Tons.	Tons.	Gallons.
<i>Rockingham and York Peninsula—</i>							
Cairns and Douglas ...	468	5,676	10,928	17,072	190,795	25,159	899,500
Ingham and Mourilyan ...	779	8,721	15,831	25,331	269,814	37,255	1,384,100
Total ...	1,247	14,397	26,759	42,403	460,609	62,414	2,283,600
<i>Edgecumbe—</i>							
Ayr and Townsville ...	370	5,696	7,711	13,777	205,546	25,903	479,167
Proserpine and Bowen ...	33	770	2,985	3,788	55,968	6,535	302,976
Mackay ...	626	11,075	25,320	37,021	498,888	55,211	1,979,156
Total ...	1,029	17,541	36,016	54,586	760,402	87,649	2,761,299
<i>Wide Bay—</i>							
Bundaberg and Gin Gin ...	142	4,554	21,688	26,384	438,030	51,476	2,021,757
Biggenden, Childers, Gayndah, Maryborough, and Tiaro }	107	4,173	15,236	19,516	363,377	34,849	1,755,349
Gympie ...	1	123	170	294	3,353	†	...
Total ...	250	8,850	37,094	46,194	804,760	86,325	3,777,106
<i>Port Curtis—</i>							
Gladstone* ...	...	149	309	458	5,704	400	18,000
<i>Moreton—</i>							
Logan ...	...	497	968	1,465	†18,759	1,635	58,575
Marburg and Rosewood ...	...	115	405	520	5,819	552	19,778
Maroochy ...	6	573	1,062	1,641	25,182	3,287	135,000
Nerang and Southport ...	9	277	190	476	4,353	575	25,000
Total ...	15	1,462	2,625	4,102	54,113	6,049	238,353
TOTAL 1913 ...	2,541	42,399	102,803	147,743	2,085,588	242,837	9,078,358

\* Part crushed in Bundaberg. † Mostly crushed in Maroochy. ‡ Part crushed in Nerang.

Of the total area 2,541 acres were required for the production of setts for planting new or renewed areas.



With such a large area productive, of necessity the “stand-over” or non-productive was greatly reduced, comprising 42,399 acres only. The area thus dormant in 1912 amounted to 59,995 acres.

The area crushed, 102,803 acres, was 24,661 acres greater than that so treated in 1912, chiefly in districts 2 and 3, the contribution by each to the increase (round figures) being—Rockingham, 4,000; Edgumbe, 9,000; and Wide Bay, 11,000 acres.

The ratios of area productive in 1913 to the total area in each division were—Rockingham, 63 per cent.; Edgumbe, 66 per cent.; Wide Bay, 80 per cent.; and Moreton, 64 per cent. For the whole State the ratio was 70 per cent.

With respect to the productive area of the 102,803 total acreage, 37,094 acres or 36 per cent. was contributed by Wide Bay, 36,016 acres or 35 per cent. by Edgumbe, 26,759 acres or 26 per cent. by Rockingham, and 2,625 acres or 3 per cent. by Moreton.

The ratio of sugar production did not vary greatly from these proportions, Wide Bay and Edgumbe, however, changing places, the latter being the largest contributor to the total output instead of the former.

The following table furnishes an analysis of the crops in each division:—

L d.  
SUGAR AVERAGES, 1913.

Divisions or Groups and Districts.	Tons of Cane per Acre Crushed.	Tons of Sugar per Acre Crushed.	Tons of Cane per Ton of Sugar.
<i>Rockingham and York Peninsula—</i>			
Cairns and Douglas ... ..	17.46	2.30	7.58
Ingham and Mourilyan ... ..	17.04	2.35	7.24
Total ... ..	17.21	2.33	7.38
<i>Edgumbe—</i>			
Ayr and Townsville ... ..	26.66	3.36	7.94
Bowen and Proserpine ... ..	18.75	2.19	8.56
Mackay ... ..	19.70	2.18	9.04
Total ... ..	21.11	2.43	8.68
<i>Wide Bay—</i>			
Bundaberg and Gin Gin ... ..	20.20	2.36	8.55
Biggenden, Childers, Maryborough, Gayndah, and Tiaro ...	23.85	2.28	10.43
Gympie ... ..	19.72	*	*
Total ... ..	21.70	2.33	9.31
<i>Port Curtis—</i>			
Gladstone ... ..	18.46	†	†
<i>Moreton—</i>			
Logan ... ..	19.38	1.69	±10.86
Marburg and Rosewood ... ..	14.37	1.36	10.54
Maroochy ... ..	23.71	2.67	8.68
Nerang and Southport ... ..	22.91	3.03	9.33
Total ... ..	20.61	2.16	9.50
TOTAL STATE ... ..	20.29	2.36	8.59

\* Mostly crushed in Maroochy.      † Part crushed in Bundaberg.      ‡ Part crushed in Nerang.

The best cane return to each acre was obtained in Wide Bay—21.70 tons, run very close by Edgumbe, 21.11 tons. Then came Moreton with 20.61 tons, Rockingham recording 17.21 tons. The best average return of sugar to the acre was found in Edgumbe, 2.43 tons, Rockingham and Wide Bay following close, each with 2.33 tons, Moreton returning the, for that district, most satisfactory yield of 2.16 tons. Wide Bay, however, loses the sugar obtained from the cane cut in the Gympie district; the latter, although geographically in the Wide Bay Division, sends the cane to the Moreton mill, and the calculations made for the Moreton Division include the cane treated there. A similar condition obtained with regard to Logan and Nerang, 1,010 tons grown in the former being crushed at the Nerang Mill.

By far the best average result was secured at Ayr, where irrigation is systematically carried on, the average off 7,711 acres being 3.36 tons.

The last column of the last quoted table (L d) illustrates the quality of the cane. The best result was secured at Ingham-Mourilyan, where it only required 7.24 tons of cane to each ton of sugar. Other satisfactory returns were—7.58 tons Cairns-Douglas, 7.94 tons Ayr-Townsville. The average for Queensland was 8.59 tons of cane to each ton of sugar.

A comparison of the results in each division for 1912 and 1913 is made in the following statement:—

L e.

Division.	AREA UNDER CULTIVATION.			PRODUCTION.					
	1912.	1913.	Increase or —Decrease	1912.		1913.		Increase or —Decrease in 1913.	
				Area Crushed.	Sugar.	Area Crushed.	Sugar.	Area Crushed.	Sugar.
	Acres.	Acres.	Acres.	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.
Rockingham and York Peninsula	38,582	42,403	3,821	22,691	42,110	26,759	62,414	4,068	20,304
Edgumbe ... ..	52,888	54,586	1,698	26,605	31,946	36,016	87,649	9,411	55,703
Port Curtis ... ..	537	458	—79	§ 397	466	§ 309	400	—88	—66
Wide Bay† ... ..	45,439	46,194	755	25,632	33,529	37,094	86,325	11,462	52,796
Moreton ... ..	4,206	4,102	—104	2,817	5,009	2,625	6,049	—192	1,040
Total ... ..	141,652	147,743	6,091	78,142	113,060	102,803	242,837	24,661	129,777

† Most of the cane grown in Gympie was crushed in the Moreton division.      § Part crushed in Wide Bay.

The two divisions of Wide Bay and Edgumbe together furnished 20,873 acres and 108,499 tons of the total increases of 24,661 acres and 129,777 tons of the area crushed.

The average results of the 1912-1913 crops for the same Divisions were as follows:—

L f.

Division.	TO EACH ACRE CRUSHED.				TONS CANE TO EACH TON SUGAR.	
	Tons of Cane.		Tons of Sugar.		1912.	1913.
	1912.	1913	1912.	1913.		
Rockingham and York Peninsula	14·73	17·21	1·86	2·33	7·94	7·38
Edgumbe ... ..	10·85	21·11	1·20	2·43	9·04	8·68
Port Curtis ... ..	16·65	18·46	*	*	*	*
Wide Bay ... ..	12·33	21·70	1·31	2·33	9·44	9·31
Moreton ... ..	17·20	20·61	1·70	2·16	10·03	9·50
Total ... ..	12·72	20·29	1·45	2·36	8·79	8·59

\* Included in Wide Bay.

These figures illustrate very clearly how satisfactory were the results for 1913, more particularly as compared with the experience for 1912, in which year the results were considerably below the average.

Queensland produces practically all the sugar obtained in the Commonwealth. A little cane sugar is made in New South Wales, whilst a small quantity of beet sugar is returned by Victoria.

The quantities obtained in these three States last year were as follows:—

L g.

	Area under Cultivation.	Area Cut or Dug for Manufacture.	Yield.	Sugar Obtained.
	Acres.	Acres.	Tons.	Tons.
Queensland ... ..	147,743	102,803	2,085,585	242,837
New South Wales ... ..	11,609	6,189	185,970	22,573
Victoria (beet) ... ..	1,083	1,083	7,137	857

Of the total Australian production of 266,267 tons, as already stated, 242,837 tons were manufactured in Queensland, 22,573 tons in New South Wales, and 857 tons of beet sugar in Victoria. This State's proportion was, therefore, 91 per cent. of the whole.

The average return per acre in Queensland and New South Wales was 2.36 tons and 3.65 tons respectively. Climatic conditions are all against our Southern neighbours, so that the fine average yield of 3.65 tons is evidence of good cultivation. On the other hand better average results may always be looked for from a restricted area. The great value of the land on the Northern Rivers of New South Wales—the sole site of sugar production in that State—undoubtedly leads to every portion of each acre being fully utilised. They waste no ground on neglected headlands.



The Victorian Government recently decided to close down their one sugar (beet) factory—that at Maffra. It has now been decided, however, to continue for another year provided the farmers plant not less than 1,000 acres of sugar beet.

Particulars respecting the factories engaged in extracting sugar from cane last year are given in the following table:—

L h.									
Manufactories.					Works.	Hands Employed.	VALUE.		
							Machinery.	Land and Premises	
					No.	No.	£	£	
Refineries	} In operation, 1913	...	...	...	2	4,952	2,234,024	436,594	
Juice Mills		...	...	...	1				
Sugar Mills		...	...	...	47				
Total	...	...	...	...	50				

Juice mills, so much in evidence a few years ago, are now almost of the past, as only one was in operation during 1913. Very useful when the canefields were much scattered, and consequently the site of manufacture was a considerable distance from many of them, the carriage of the juice, whether in tanks or through pipes, militated against best results in the mill. There were 4,592 hands employed in sugar production in addition to those employed in the field, cultivating, cutting or carrying. The value of land, premises, and machinery employed in the manufacture last year was estimated at £2,670,618.

The approximate requirements of this commodity by the population of the Commonwealth may be gathered from the following statement:—

L i.								
Year.	Imports.	Exports.	Net Imports.	Production.	Total Available for Consumption.	Mean Population.	Apparent Consumption per head of Population.	
	Cwt.	Cwt.	Cwt.	Cwt.	Cwt.	Persons.	Lb.	
1904	...	...	...	...	...	...	...	
1905	...	...	...	...	...	...	...	
1906	...	...	...	...	...	...	...	
1907	...	...	...	...	...	...	...	
1908	...	...	...	...	...	...	...	
1909	...	...	...	...	...	...	...	
1910	...	...	...	...	...	...	...	
1911	...	...	...	...	...	...	...	
1912	...	...	...	...	...	...	...	
1913	...	...	...	...	...	...	...	
Average since Federation	1,092,785	149,503	983,583	3,516,996	4,460,279	4,264,668	127.60	

\* Net Exports.

The figures in the last column of this table show why the actual demand at any one time cannot be accurately determined. The variation in stocks and the differences in exportation in individual years cause fluctuations resulting in only an apparent consumption in 1908 of 89.54 lb. per head of population, against 131.10 lb. just two years previously. The average annual requirements for the whole period since Federation has been 223,013 tons, equal to 127.60 lb. of the mean population.

Under the Sugar Works Guarantee Acts a large sum is still owing to the Crown by some 20 different companies.

The following statement gives particulars:—

L j.									
SUGAR MILLS.									
1. Number of Sugar Mill Companies to which advances have been made under the Sugar Works Guarantee Acts	...	...	...	...	...	...	...	...	13
2. Under other conditions	...	...	...	...	...	...	...	...	7
3. Number of Tramway Companies to which advances have been made under the Sugar Works Guarantee Acts	...	...	...	...	...	...	...	...	1
4. Under other conditions.	...	...	...	...	...	...	...	...	None
5. Total amount of advances made to 31st December, 1913, under the Sugar Works Guarantee Acts	...	...	...	...	...	...	...	£498,800	8 10
6. Under other conditions	...	...	...	...	...	...	...	£107,312	3 5
7. Indebtedness at 31st December, 1913, under the Sugar Works Guarantee Acts	...	...	...	...	...	...	...	£293,700	18 8
8. Under other conditions	...	...	...	...	...	...	...	£32,643	13 5

It is, perhaps, in a degree satisfactory to note that nearly one-half of the original indebtedness has been returned.

## ARROWROOT.

But little progress is made in the production of Queensland arrowroot. Although an excellent article, quite equal to that obtained from the West Indies, yet, as has already been frequently pointed out, it is the starch of a different plant, and so is not allowed to be sold in the British markets without being distinctly labelled. This inevitably restricts its sale, and so the possibilities of export are limited. A smaller area was devoted to its cultivation in 1913 than there was seven or eight years ago. The average return also, which fluctuates from year to year, was only barely normal.

## M.

Division and Petty Sessions District.	1912.		1913.		Increase or Decrease —	
	Area.	Produce.	Area.	Produce.	Area.	Produce.
	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.
Beaudesert ... ..	3	5	...	...	— 3	5
Brisbane ... ..	8	65	4	31	4	— 34
Gympie ... ..	...	...	2	22	2	22
Laidley ... ..	1	10	...	...	— 1	— 10
Logan ... ..	51	447	69	879	18	432
Marburg ... ..	23	101	28	159	5	58
Maroochy ... ..	2	55	6	120	4	65
Maryborough ... ..	...	...	1	3	1	3
Nerang ... ..	265	2,921	255	3,499	— 10	578
Redcliffe ... ..	...	...	1	3	1	3
Rosewood ... ..	3	8	2	12	— 1	4
Wienholt ... ..	...	...	1	10	1	10
Woodford ... ..	7	105	5	91	— 2	— 14
Total State ... ..	363	3,717	374	4,829	11	1,112

In 1913, from 374 acres 4,829 tons of tubers were obtained, against 3,717 tons from 363 acres in the previous year.

The two districts in which this tuber is grown for the production of the arrowroot of commerce are those of Logan and Nerang; where cultivated elsewhere it is for feeding swine only.

The crop of tuber is very heavy as compared with the marketable starch, and the only desideratum for its manufacture is a plentiful supply of good fresh water. It follows, of course, that the conversion of the tuber is effected close to site of cultivation to avoid heavy transport.

## M a.

Petty Sessions District.								Hands Employed.	Tuber.	Arrowroot.
								No.	Tons.	Lb.
Logan ... ..	...	...	...	...	...	...	...	11	480	108,640
Nerang ... ..	...	...	...	...	...	...	...	53	2,940	650,170
Totals ... ..	...	...	...	...	...	...	...	64	3,420	758,815

The industry gave employment to 64 hands, and disposed of 3,420 tons of tuber, or 71 per cent. of the whole. From this 758,815 lb. of marketable arrowroot were obtained.

## TOBACCO.

This crop is another of great promise which has failed of fulfilment. It receives less attention, judging from the area planted, than it did some years ago. On the other hand, the quality of leaf turned out owing to more care and greater knowledge in treatment has much improved. Last year 731 acres were under tobacco against 692 in 1912, an increase of 39 acres. The result was, however, much more satisfactory. From the slightly greater acreage more than double the dried leaf was obtained—namely, 570,271 lb. in 1913 and 241,969 lb. in 1912.



## N.

Division and Petty Sessions District.	1912.		1913.		Increase or Decrease —	
	Area.	Produce Dried Leaf.	Area.	Produce Dried Leaf.		
	Acres.	Lb.	Acres.	Lb.	Acres.	Lb.
<i>Moreton</i> — Laidley ... ..	4	2,083	...	...	— 4	— 2,083
<i>Edgecumbe</i> — Bowen ... ..	21	14,945	34	31,492	13	16,547
Proserpine ... ..	18	12,581	8	5,054	— 10	— 7,527
Townsville ... ..	4	3,250	6	3,490	2	240
<i>Rockingham</i> — Cardwell ... ..	2	899	3	301	1	— 598
<i>York Peninsula</i> — Douglas ... ..	2	1,207	4	1,597	2	390
<i>Downs</i> — Dalby ... ..	1	79	1	395	...	316
Inglewood ... ..	122	52,303	209	187,508	87	135,205
Texas ... ..	516	154,212	466	340,434	— 50	— 186,222
Warwick ... ..	2	410	...	...	— 2	— 410
Total State ... ..	692	241,969	731	570,271	39	328,302

Except for a comparatively small quantity of high-class cigar leaf at Bowen—viz., 34 acres, 31,492 lb.—the cultivation may practically be said to be restricted to the contiguous districts of Inglewood and Texas, the joint area and output from which was 675 acres and 527,942 lb. of dried leaf. The results from this crop would appear to be most uneven. The following gives the average yield per acre for each of the last five years:—1909, 757 lb.; 1910, 1,296 lb.; 1911, 805 lb.; 1912, 350 lb.; 1913, 780 lb. The mean for 20 years was 828 lb. per acre. The crop for 1913 was thus just below the average, though more than twice as good as that for 1912.

## COFFEE.

Only slight progress was made with the production of coffee last year.

## O.

DIVISION AND PETTY SESSIONS DISTRICT.	Not Bearing.		Bearing.				Average per Acre (Bearing).		1913. Increase or Decrease—Bearing Area.	1913. Increase or Decrease—in Produce.
	1912.	1913.	1912.		1913.		1912.	1913.		
	Acres.	Acres.	Acres.	Lb. (Parchment.)	Acres.	Lb. (Parchment.)	Lb.	Lb.		
<i>Moreton</i> — Maroochy ... ..	3	4	110	65,555	84	27,652	596	329	— 26	— 37,903
<i>Wide Bay</i> — Maryborough ... ..	...	...	3	2,090	3	3,400	697	1,133	...	1,310
<i>Port Curtis</i> — Rockhampton ... ..	...	...	2	930	3	1,236	465	412	1	306
<i>Edgecumbe</i> — Mackay ... ..	...	...	44	45,018	44	130,219	1,025	2,960	...	85,201
<i>Rockingham</i> — Cairns ... ..	...	...	17	9,671	17	3,785	569	223	...	— 5,886
Herberton ... ..	...	...	3	2,624	3	8,842	875	2,947	...	6,218
Mourilyan ... ..	6	...	6	5,500	6	6,880	917	1,147	...	1,380
Total Rockingham ...	6	...	26	17,795	26	19,507	684	750	...	1,712
<i>York Peninsula</i> — Cook ... ..	...	...	2	540	1	209	270	209	— 1	— 331
Totals ... ..	9	4	187	131,928	161	182,223	705	1,132	— 26	50,295

The area under coffee in 1913 was 165 acres, of which all but 4 acres were bearing. From 187 acres, in 1912, 131,928 lb. of parchment were obtained, whilst the 161 acres last year returned

182,223 lb., an increase of 50,295 lb. The average yield in 1913 was 1,132 lb. per acre, against 705 lb. in 1912. The demand for coffee locally does not appear to increase to any appreciable extent. It is somewhat more expensive than tea, and to brew satisfactorily gives a little more trouble than the latter. There is no outlook possible in the direction of export, as the world's output is always in excess of demand, and in the large coffee-producing countries steps have to be taken from time to time to restrict production.

### FRUIT.

Queensland, from its vast expanse, offers such a variety of soil and climate as to render possible the production of almost all varieties of fruit. For some 30 years fruit was grown in abundance for local requirements, but its cultivation could hardly be considered as a separate branch of the agricultural industry, although both with regard to bananas and pineapples some little attempt had been made to reach Southern markets. During the past 20 years the profession of orchardist, as distinct from the farmer, has come into existence, and the export trade has in some small measure been systematised. Even considered as restricted to Australia there is still room for great expansion, not only in the export of fruits already sent away but in creating a demand for those unknown in the South and experimenting with the packing and transport so as to place such fruits in good condition on the market.

In the matter of reaching the larger markets of the United Kingdom and the Continent much has yet to be learnt, but the prospect is full of promise. The problems to be solved are less formidable than, speaking comparatively, but recently faced the grazier as to the disposal of his surplus. The latter has been solved and so will the former. In the meantime substantial areas are being added to our orchards each year. Vines, bananas, oranges, pineapples, mangoes, and, last but not least, apples are being represented by larger acreages, and the satisfactory disposal of the increased crops will have to be provided for.

### VINES.

For some reason the vine for wine production is not greatly cultivated, last year nearly three-fourths of all grapes being grown for table use.

#### Q.

Year.	VINEYARD.			Grapes Gathered.	Average per Acre (Bearing)
	Acres Bearing.	Acres not Bearing.	Total.		
1912 ... ..	1,325	103	1,428	Lb. 3,317,364	Lb. 2,504
1913 ... ..	1,449	88	1,537	4,092,531	2,824

It will be seen that the acreage, yield, and average yield were all greater in 1913 than in 1912. The results of the crop during the past two years in each grape district are given below:—

#### Q a.

Petty Sessions District.				AREA UNDER VINES.								
				1912.			1913.			Increase or Decrease—.	1912.	1913.
				Bearing.	Not Bearing.	Total Area.	Bearing.	Not Bearing.	Total Area.		Grapes Gathered.	Grapes Gathered.
				Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Lb.	Lb.
Brisbane ... ..	...	...	...	259	58	317	297	23	320	3	554,971	592,924
Bundaberg ... ..	...	...	...	15	...	15	11	...	11	4	24,496	18,420
Clifton ... ..	...	...	...	20	...	20	14	2	16	4	25,241	21,445
Gatton ... ..	...	...	...	77	1	78	34	...	34	44	360,950	22,130
Gympie ... ..	...	...	...	26	1	27	28	...	28	...	45,818	73,802
Logan ... ..	...	...	...	23	5	28	25	...	25	3	54,416	87,977
Lowood ... ..	...	...	...	*	*	*	46	10	56	56	*	360,614
Marburg ... ..	...	...	...	26	...	26	17	...	17	9	59,482	31,885
Maryborough ... ..	...	...	...	27	3	30	30	4	34	4	57,269	62,901
Rockhampton ... ..	...	...	...	27	2	29	31	4	35	6	46,380	92,164
Roma ... ..	...	...	...	373	7	380	414	8	452	72	1,092,374	1,445,836
Rosewood ... ..	...	...	...	29	...	29	58	...	58	29	20,160	49,940
South Brisbane ... ..	...	...	...	50	1	51	52	1	53	2	113,009	148,296
Stanthorpe ... ..	...	...	...	53	9	62	57	16	73	11	91,330	119,456
Toowoomba ... ..	...	...	...	53	...	53	56	1	57	4	136,362	154,252
Warwick ... ..	...	...	...	42	3	45	46	3	49	4	31,918	167,781
All other Districts ... ..	...	...	...	225	13	238	203	16	219	19	602,528	642,708
Totals ... ..	...	...	...	1,325	103	1,428	1,449	88	1,537	109	3,317,364	4,092,531

\* Formerly part of five other districts.



Roma returned, in 1913, 452 acres, of which all but 8 were in bearing; this was 72 acres more than in 1912. The apparent substantial decrease and increase noted against Gatton and Rosewood respectively require explanation. With regard to Gatton, two new districts have been created, largely from what was formerly part of Gatton, whilst in Rosewood an old vineyard long deserted showing some promise in 1913 was again cultivated and brought into the vineyard area. The only increase other than in Roma worth noting was in Stanthorpe.

Of the grape production Roma provided more than one-third, 1,445,836 lb. out of a total of 4,092,531, followed by Brisbane 592,924 lb. from 297 acres.

The average yields of grapes per acre in principal districts for five years were as follow:—

Q b.

Petty Sessions District.	1909. Average per Acre.	1910. Average per Acre.	1911. Average per Acre.	1912. Average per Acre.	1913. Average per Acre.
	Lb.	Lb.	Lb.	Lb.	Lb.
Brisbane ... ..	3,069	2,827	3,012	2,144	1,996
Gatton ... ..	6,437	5,675	2,251	4,688	651
Roma ... ..	3,288	3,325	2,105	2,929	3,256
South Brisbane ... ..	2,347	2,685	2,913	2,272	2,852
Toowoomba ... ..	3,149	2,505	2,262	2,573	2,755
State ... ..	3,018	2,707	2,301	2,504	2,824

Here Roma again held first place with 3,256 lb., the average for the whole State being 2,824 lb.

There were 204 persons manufacturing wine last year; most of these were farmers making small quantities for their own consumption.

Q c.

Year.											Number of Makers.	Quantity of Wine Made.	Quantity of Brandy Distilled.
												Gallons.	Gallons.
1909 ... ..											387	91,410	366
1910 ... ..											311	74,306	1,136
1911 ... ..											238	57,358	270
1912 ... ..											200	54,627	1,048
1913 ... ..											204	58,897	608

The wine production for 1913 was 58,897 gallons. It takes from 17 to 20 lb. of grapes to make a gallon of wine; at 18½ lb., therefore, 1,091,444 lb. of grapes were thus used last year out of a total production of 4,092,531 lb.

The principal districts in which wine was manufactured and the quantity so made are shown in the following statement:—

Q d.

Petty Sessions District.	Number of Makers.	Quantity of Wine Made.	Quantity of Brandy Distilled.
		Gallons.	Gallons.
Brisbane ... ..	7	5,266	210
Gatton ... ..	5	864	...
Highfields ... ..	10	1,134	...
Logan ... ..	24	2,180	...
Roma ... ..	6	28,560	398
South Brisbane ... ..	11	2,605	...
Toowoomba ... ..	38	4,356	...
All other Districts ... ..	103	13,932	...
Totals ... ..	204	58,897	608

Thus almost half of the wine made was returned from the Roma district.

BANANAS.

Although for the past six years an increasing area has been successfully planted, this has not been attended by commensurate results. For five years the total and the average yield has shown a regular decline.

R.

Petty Sessions District.	Area.		Produce.		Increase or Decrease —	
	1912.	1913.	1912.	1913.	Area.	Produce.
	Acres.	Acres.	Bunches.	Bunches.	Acres.	Bunches.
Brisbane ... ..	527	530	62,997	112,699	3	49,702
Cairns ... ..	1,048	1,004	201,667	107,973	— 44	— 93,694
Cardwell ... ..	216	343	66,530	44,654	127	— 21,876
Cleveland ... ..	184	282	24,998	45,678	98	20,680
Logan ... ..	254	358	47,899	61,369	104	13,470
Maroochy ... ..	1,165	1,461	249,679	240,896	296	— 8,783
Maryborough ... ..	410	549	39,728	52,526	139	12,798
Mourilyan ... ..	2,095	1,214	301,850	131,029	— 881	— 170,721
Redcliffe ... ..	260	370	41,300	49,094	110	7,794
Rockhampton ... ..	87	88	8,198	12,872	1	4,674
Somerset ... ..	114	116	8,235	6,230	2	— 2,005
All other Districts ... ..	677	1,085	86,323	172,916	403	86,593
Totals ... ..	7,037	7,400	1,139,404	1,037,936	363	— 101,468

The export of bananas to the Sydney and Melbourne markets has in the past been an important feature of our interstate trade; its extent at the present time is not officially recorded, but from correspondence in the Press it would appear to have greatly declined. Southern buyers assert that the quality is not so good as formerly and inferior to the Fiji fruit, whilst our growers complain of difficulties in connection with transport and with regard to restrictions as to admission into the Southern ports. There were 7,400 acres under bananas in 1913, from which 1,037,936 bunches were cut, against 7,037 acres and 1,139,404 bunches in 1912, an increase of 363 acres and a decrease of 101,468 bunches, the average yields for 20 years being 263 bunches. Mourilyan, the district with the largest area, showed a great decline in both acreage and fruit due to the district experiencing a heavy cyclone, whilst at Maroochy there was a large increase in acreage, although the production was somewhat less. The average yield last year for some of the leading districts was as follows:—

Ra.

	Average per Acre—					
	Bunches.					
Brisbane ... ..	...	...	...	...	...	213
Cairns ... ..	...	...	...	...	...	108
Cardwell ... ..	...	...	...	...	...	130
Logan ... ..	...	...	...	...	...	171
Maroochy ... ..	...	...	...	...	...	165
Maryborough ... ..	...	...	...	...	...	96
Mourilyan ... ..	...	...	...	...	...	107
Redcliffe ... ..	...	...	...	...	...	133
Cleveland ... ..	...	...	...	...	...	162

Brisbane, from an area of 530 acres, headed the list of averages with 213 bunches per acre.

PINEAPPLES.

This fruit is most prolific under suitable conditions, carries well, and can only be grown in the open in tropical and semi-tropical countries.

Last year its cultivation was substantially extended.

S.

Petty Sessions District.	1912.		1913.		Increase or Decrease —	
	Area.	Produce.	Area.	Produce.	Area.	Produce.
	Acres.	Dozen.	Acres.	Dozen.	Acres.	Dozen.
Bowen ... ..	34	2,998	23	740	— 11	— 2,258
Brisbane ... ..	792	288,593	821	323,509	29	34,916
Bundaberg ... ..	28	5,442	28	3,955	...	— 1,487
Caboolture ... ..	27	6,812	43	9,048	16	2,236
Cairns ... ..	67	18,861	81	7,710	14	— 11,151
Cleveland ... ..	413	89,654	535	123,996	122	34,342
Logan ... ..	201	78,699	194	68,011	— 7	— 10,688
Maroochy ... ..	574	116,304	725	121,309	151	5,005
Maryborough ... ..	134	23,914	150	26,933	16	3,019
Redcliffe ... ..	37	4,411	41	7,399	4	2,988
Rockhampton ... ..	86	12,840	89	13,027	3	187
South Brisbane ... ..	83	17,907	106	19,182	23	1,275
All other Districts ... ..	108	13,211	178	20,087	70	6,876
Totals ... ..	2,584	679,646	3,014	744,906	430	65,260



In 1913 there were 3,014 acres under this fruit, against 2,584 in 1912; 744,906 dozen were gathered in the former and 679,646 dozen in the latter year, an increase for 1913 of 430 acres and 65,260 dozen. Brisbane, Maroochy, and Cleveland were the principal centres of cultivation, in the order named, their areas and output respectively for 1913 being—Brisbane, 821 acres, 323,509 dozen; Maroochy, 725 acres, 121,309 dozen; and Cleveland, 535 acres, 123,996 dozen. Over 350,000 dozen were passed by the fruit inspectors for export to the Southern States, whilst a large trade in tinned pineapples is conducted with the Melbourne and Sydney markets.

### ORANGES.

All citrus fruits grow well in the State, but as they also thrive in certain portions of New South Wales the market is somewhat limited, although over one-tenth of the produce of this State is sent away. Southern Europe is also a large producer of the orange and the lemon, the external demand is practically at present limited to other States; there are, however, possibilities of opening a trade with Northern America. The area under oranges shows a slight but unfailing annual increase; the acreage in bearing for 1913, which was 2,407 acres, returned 375,544 bushels, an average yield of 156 bushels. Like figures for 1912 were—2,396 acres, 319,544 bushels, average 133 bushels. The average yield for seven years was 189 bushels. The principal orange districts were as follow:—

### T.

Petty Sessions District.	Area.		Bearing, 1913.	Not yet Bearing, 1913.	Produce.		Increase or Decrease —	
	1912.	1913.	Area.	Area.	1912.	1913.	Area.	Produce.
	Acres.	Acres.			Bushels.	Bushels.	Acres.	Bushels.
Bowen ... ..	278	283	168	115	6,722	14,581	5	7,859
Bundaberg ... ..	56	47	43	4	5,327	6,990	— 9	1,663
Caboolture ... ..	61	63	34	29	6,331	10,269	2	3,938
Cairns ... ..	251	199	143	56	10,958	18,200	— 52	7,242
Cardwell ... ..	152	171	121	50	4,862	4,910	19	48
Charters Towers ... ..	29	32	28	4	3,362	9,616	3	6,254
Childers ... ..	20	24	14	10	2,816	3,954	4	1,138
Cleveland ... ..	30	26	22	4	5,833	6,665	— 4	832
Cook ... ..	47	52	27	25	1,726	2,899	5	1,173
Douglas ... ..	62	61	39	22	5,305	950	— 1	4,355
Esk ... ..	40	37	23	14	3,496	5,890	— 3	2,394
Gatton ... ..	120	88	65	23	5,911	14,284	— 32	8,373
Gayndah ... ..	25	30	9	21	1,739	2,919	5	1,180
Gladstone ... ..	44	43	27	16	2,586	5,071	— 1	2,485
Gympie ... ..	34	31	20	11	5,662	13,013	— 3	7,351
Helidon ... ..	*	52	42	10	*	6,952	52	6,952
Herberton ... ..	29	30	20	10	4,256	2,285	1	1,971
Laidley ... ..	17	28	26	2	660	2,226	11	1,566
Logan ... ..	120	127	96	31	17,278	16,211	7	1,067
Mackay ... ..	38	41	24	17	3,559	4,949	3	1,390
Maroochy ... ..	773	749	472	277	109,340	90,040	— 24	19,300
Maryborough ... ..	467	496	318	178	29,970	40,252	29	10,282
Mourilyan ... ..	64	47	45	2	1,029	1,527	— 17	498
Nerang ... ..	102	74	58	16	7,597	14,783	— 28	7,186
Proserpine ... ..	28	26	14	12	1,056	1,457	— 2	401
Rockhampton ... ..	153	179	124	55	11,580	17,625	26	6,045
Tiaro ... ..	34	41	29	12	3,425	4,065	7	640
Toowoomba ... ..	40	39	32	7	3,073	3,100	— 1	27
Woodford ... ..	23	33	18	15	12,199	5,045	10	7,154
All other Districts ... ..	427	441	306	135	41,886	44,816	14	2,930
Totals ... ..	3,564	3,590	2,407	1,183	319,544	375,544	26	56,000

\* Previously included in Gatton.

The following were the areas in bearing in some of the districts:—Maroochy, 472 acres; Maryborough, 318 acres; Bowen, 168 acres; Cairns, 143 acres; Rockhampton, 124 acres; and Cardwell, 121 acres. The chief yields were—Maroochy, 90,040 bushels; Maryborough, 40,252 bushels. The average yields were—Maroochy, 191 bushels per acre; and Maryborough, 127 bushels per acre.

The manufacture of marmalade to a larger extent than now obtains offers a wider field to the orange in a form readily exportable, and yet the fact is that at the present time this confection is imported to a considerable extent for local use, a position that should surely be untenable whilst Queensland is so well adapted to the growth of this fruit.

### MANGOES.

The annual returns of this delicious fruit show a slow expansion, but there is little doubt that a good deal of the production escapes record, as the mango, from its handsome foliage and its ready and prolific bearing, is a favourite garden tree, and is grown under conditions that fail to bring it within the purview of the Collector.

U.

Petty Sessions District.	Area.		Bearing, 1913.	Not yet Bearing, 1913.	Produce.		Increase or Decrease - 1913.	
	1912.	1913.			1912.	1913.		
	Acres.	Acres.	Acres.	Acres.	Bushels.	Bushels.	Acres.	Bushels.
Bowen ... ..	27	29	26	3	6,895	17,425	2	10,530
Brisbane ... ..	14	14	11	3	1,507	3,259	...	1,752
Bundaberg ... ..	18	19	17	2	2,121	7,490	1	5,369
Cairns ... ..	14	16	15	1	8,664	5,005	2	3,659
Childers ... ..	10	7	7	...	396	2,767	- 3	2,371
Cook ... ..	9	11	11	...	5,590	1,755	2	3,835
Douglas ... ..	8	9	8	1	3,592	5,318	1	1,726
Ingham ... ..	22	24	21	3	15,105	22,344	2	7,239
Logan ... ..	17	18	17	1	2,583	2,249	1	334
Mackay ... ..	63	55	48	7	22,397	23,928	- 8	1,531
Maryborough ... ..	22	23	21	2	10,672	7,967	1	2,705
Mourilyan ... ..	9	23	22	1	367	3,002	14	2,635
Proserpine ... ..	13	14	10	4	2,863	4,100	1	1,237
Redcliffe ... ..	8	6	5	1	509	1,435	- 2	926
Rockhampton ... ..	22	35	33	2	3,835	6,938	13	3,103
Somerset ... ..	15	7	3	4	537	6,130	- 8	5,593
Tiaro ... ..	9	11	9	2	1,988	1,918	2	70
Townsville ... ..	17	18	13	5	6,852	8,602	1	1,750
All other Districts ... ..	54	65	56	9	15,379	24,717	11	9,338
Totals ... ..	371	404	353	51	111,852	156,349	33	44,497

The taste for the mango is an acquired one, consequently, as only a few in the Southern States have any knowledge of the fruit, a demand has not as yet been created for it outside Queensland. It does not readily lend itself to transport as conditions obtain at present, as it is not so well-flavoured when picked green as when ripened on the tree, and in the latter case it is too soft to stand any pressure and soon deteriorates. It should, however, be quite as easily dealt with as the peach, and it has now been proved that this fruit will keep for at least three months in cold storage, so that when this is available on our coasts on a commercial basis a large market should be opened for its disposal.

There were 353 acres returned as bearing last year, from which 156,349 bushels of fruit were obtained, increases of 33 acres and 44,497 bushels over the season of 1912. Mackay, Rockhampton, Ingham, and Bowen are the chief sites of production, although it grows freely throughout the Eastern seaboard. The mango is used to some extent for the production of chutney, but the demand is limited locally, and in the markets of the world Queensland chutney would be handicapped by competition with the products of countries having cheap labour.

STRAWBERRIES.

This crop maturing in Queensland at a date well in advance of the other States, to which at least one-third of the crop is exported at a good profit to the grower, its later fruiting is mostly reserved for local requirements both of the table and the jam factory.

V.

Petty Sessions District.	Area.		Produce.		Increase or Decrease -	
	1912.	1913.	1912.	1913.	1913.	1913.
	Acres.	Acres.	Quarts.	Quarts.	Acres.	Quarts.
Brisbane ... ..	3	4	1,621	3,894	1	2,273
Bundaberg ... ..	3	2	3,000	2,000	- 1	- 1,000
Cleveland ... ..	50	46	86,978	72,271	- 4	- 14,707
Maroochy ... ..	37	29	62,465	60,358	- 8	- 2,107
South Brisbane ... ..	8	8	3,562	5,353	...	1,791
All other Districts ... ..	6	7	6,160	8,732	1	2,572
Totals ... ..	107	96	163,786	152,608	- 11	- 11,178

Maroochy and Cleveland are the chief centres of production. The area and output were both somewhat less in 1913 than in 1912, 96 and 107 acres and 152,608 and 163,786 quarts each respectively. The average yield for the year 1913 were—State, 1,590 quarts; Cleveland, 1,571 quarts; and Maroochy, 2,081 quarts.

APPLES.

The prospects with regard to apples are most hopeful. A fruit that keeps well, is easily packed if reasonable care is exercised, and will stand transport better than most fruits, it finds a ready market not only in Australia but in Europe, and can practically with certainty be carried successfully for any



requisite distance in cold chambers. The area planted and consequently the yield showed a remarkable advance last year.

## W.

Petty Sessions District.	Area.		Increase or Decrease — 1913.	Bearing, 1913.	Not Bearing, 1913.	Produce.		Increase or Decrease — 1913.
	1912.	1913.				1912.	1913.	
	Acres.	Acres.	Acres.	Acres.	Acres.	Bushels.	Bushels.	Bushels.
Clifton ...	6	2	— 4	2	...	165	132	— 33
Crow's Nest ...	5	11	6	8	3	366	877	511
Dalby ...	7	3	— 4	1	2	62	30	— 32
Goombungee ...	4	3	— 1	3	...	120	98	— 22
Herberton ...	11	8	— 3	3	5	24	35	11
Nanango ...	4	3	— 1	2	1	155	160	5
Nerang ...	4	2	— 2	2	...	157	97	— 60
Stanthorpe ...	1,245	1,522	277	775	747	12,431	45,864	33,433
Toowoomba ...	16	17	1	15	2	1,394	1,264	— 130
Warwick ...	12	8	— 4	7	1	340	286	— 54
All other Districts ...	31	29	— 2	17	12	690	580	— 110
Totals ...	1,345	1,608	263	835	773	15,904	49,423	33,519

For the past 10 years a greater area has been returned each succeeding year, but in 1913 no less than 208 acres were added to the bearing area, whilst that not yet bearing in addition showed an advance of 55 acres. Apple production is practically confined to the Stanthorpe district, where the soil and climate seem remarkably well adapted to pip fruit. In 1913 the total area under apples was 1,608 acres, of which 835 acres were in bearing and returned 49,423 bushels of apples, or an average of 59 bushels to each acre. The bearing area and the non-bearing area in Stanthorpe were 775 acres and 747 acres each respectively, or a total of 1,522 acres, or nearly 95 per cent. of the total acreage of the State.

## OTHER FRUITS.

Mention has already been made of the great varieties of fruit as well as of crops generally that flourish well in Queensland. No doubt some of the cultivation which is at present only in an experimental stage is not definitely recorded but is included in the column "Other." Fruits returned by name which yet are not recorded in special columns in the Appendix General Table will be found tabulated by themselves at Table No. XVI. therein. The more important of these, as returned in 1913, may be summarised thus:—

## W a.

	Acres.	Yield.
Apricots ...	77	5,946 bushels
Cape gooseberries ...	7	17,800 quarts
Cherries ...	36	1,029 bushels
Cocoanuts ...	549	15,711 dozen
Custard apples ...	77	6,891 bushels
Figs ...	9	761 bushels
Lemons ...	121	13,311 bushels
Nectarines ...	95	2,801 bushels
Passion fruit ...	29	4,696 bushels
Paw-paws ...	306	32,287 dozen
Peaches ...	968	53,579 bushels
Pears ...	112	3,304 bushels
Persimmons ...	20	1,386 bushels
Plums ...	339	11,725 bushels
Quinces ...	13	847 bushels
Walnuts ...	4	1,210 lb.
Rosellas ...	6	439 bushels

## PEACHES.

As with the mango so the peach to some extent escapes record. Even more frequently than the mango is the peach to be found in small numbers of trees in the suburban garden, too often neglected and infested with fly, and thus the source of much mischief in spite of Acts of Parliament and regulations thereunder. Of breaches of these there is evidence without end, but one rarely, if ever, hears of the infliction of the much-needed penalty. The suburban peach-tree, of course, does not figure in the official returns, so that the 968 acres from which 53,579 bushels of fruit were obtained comprises only those grown on farm or in orchard. The corresponding figures for 1912 were 705 acres, 34,108 bushels; so the 1913 crop showed a large increase.

## COCOANUTS.

At one time confined to a few islands of the Torres Straits in the village gardens of the aboriginal inhabitants the planting of the cocoanut is now rapidly extending southwards until it has reached to what is probably nearly the southern limit of its possibilities as a fruit-bearing palm. The cocoanut,

both as to coir and also as to copra, is a distinctly exportable product, and, therefore, is of peculiar interest to this State. Whether labour conditions will prohibit its proving a substantial addition to our exports time alone can show. There is, further, the possibility that the labour involved may be greatly minimised by introduction of machinery either for decertication or for extracting and drying, or for both processes. There were 549 acres returned last year as under cocoanuts, yielding 15,711 dozen; the figures for 1912 were 365 acres and 37,883 dozen. For some reason last year the crop was not so satisfactory as in 1912. Of course, the added area would not be in bearing. The bulk of the area is on Torres Straits islands and the collection of returns very difficult to effect. The Collector states that the area given by the coloured people is often doubtful, and as to produce they frequently fail to realise that produce harvested should be returned and not only that which has been actually sold.

PLUMS.

There were 339 acres returned as under plums in 1913, against 242 acres in the previous year, the crop in each case being—1913, 11,725 bushels; 1912, 9,426 bushels.

PAWPAW.

This wholesome fruit is continuously growing in favour with consumers; 306 acres yielding 32,287 dozen were returned last year, against 245 acres and 24,652 dozen the year before. It grows readily in any reasonable soil, fruits very early in its life, and is most prolific, but the retail price appears to maintain a high level, thus militating against a much larger consumption.

PEARS.

This fruit does not attract so extensive or regular a demand as the apple, is more uncertain as to its yield, and does not by any means prove so easy to pack, keep, and transport. These causes, no doubt, contribute to its not being so freely grown as the apple. Last year there were in the schedules 112 acres returned as yielding 3,304 bushels.

LEMONS.

This citrus fruit does not receive much attention in our orchards; only 121 acres were planted, from which 13,311 bushels were secured. This is evidently not for want of a market, as the fruit is imported into Queensland for our own use from Italy.

OTHER VEGETABLES.

Appendix Table No. XVI. gives details as to vegetables not specifically elsewhere recorded. The following compares a few items of this table for 1912 and 1913:—

X.

Other Vegetables.	1912.		1913.	
	Acres.	Produce.	Acres.	Produce.
Pulse { Beans ... ..	37	1,114 bushels	16	455 bushels
{ Peas ... ..	23	796 bushels	53	755 bushels
Green { Beans ... ..	145	14,680 bushels	156	15,990 bushels
{ Peas ... ..	177	12,601 bushels	191	14,753 bushels
Cabbages and Cauliflowers ...	626	157,063 dozen	730	204,760 dozen
Cucumbers ... ..	240	106,174 dozen	199	74,675 dozen
Marrows ... ..	4	9 tons	2	3 tons
Onions ... ..	53	2,339 cwt.	96	4,151 cwt.
Tomatoes ... ..	892	119,742 bushels	995	161,658 bushels
Turnips ... ..	139	602 tons	103	440 tons
Yams ... ..	76	120 tons	90	139 tons

Most of these vegetables are used for home consumption, and with few exceptions showed an increase in area and output. Tomatoes, which are grown in considerable quantities, are practically all exported South by those who make the cultivation a speciality, local requirements being mostly met by the private grower and the market gardener. In other instances the home demands are not fully met, notably with regard to onions; it is satisfactory, therefore, to find a substantial relative if but a small actual advance.



OTHER MISCELLANEOUS CROPS.

Appendix Table No. XVI. contains such information as is available with regard to crops not already referred to. The most important of these are summarised as under:—

X a.

	1912.		1913.	
	Acres.	Produce.	Acres.	Produce.
Broom millet ... ..	353	199,981 lb.	303	168,194 lb.
Canary seed ... ..	84	26,660 lb.	223	75,650 lb.
Indiarubber ... ..	26	...	28	...
Grass seed ... ..	1,476	20,322 bushels	298	3,615 bushels
Mangold wurzel ... ..	210	1,757 tons	197	1,104 tons
Peanuts ... ..	102	210,624 lb.	163	195,260 lb.
Sisal ... ..	198	30 cwt.	118	...
Lucerne seed ... ..	285	30,330 lb.	215	12,920 lb.
Millet seed ... ..	38	306 bushels	96	1,813 bushels

BROOM MILLET.

There were 50 fewer acres planted with broom millet last year, with a rather more than corresponding reduction of output. From 303 acres in 1913, 168,194 lb. of broom were obtained. A considerable quantity comes into the State from New South Wales, so that of the total quantity used for making brooms it is impossible to say how much is Queensland grown. Broom factories used 272,467 lb. of broom in 1913.

KAPOK.

There is no record of any of this vegetable floss being produced in Queensland, although there is evidence that the tree from which it is obtained flourishes on the east coast within the tropics. As the Queensland demand alone is some 400,000 to 500,000 lb., whilst there is also the possibilities of the Southern market to consider, kapok is a product deserving of consideration by our planters. Besides the floss the seed is oil-producing and of considerable commercial value.

INDIARUBBER.

There were 28 acres returned in 1913 as planted, but none as yet bearing.

FODDER CROPS.

There was a good addition to the acreage under these.

X b.

	1909. Acres.	1910. Acres.	1911. Acres.	1912. Acres.	1913. Acres.
Hay .. ..	72,298	98,558	61,299	87,643	76,469
Green forage .. ..	100,493	89,667	93,049	135,354	171,290
Artificially sown pasture ..	108,438	140,196	166,175	205,363	236,582
Total .. ..	281,229	328,421	320,523	428,360	484,341

From 428,360 acres in 1912 to 484,341 in 1913. Green forage and artificially sown pasture contributed to the increase, whilst there was a decreased area returned as under hay.

HAY.

The following statement gives the area of hay crops under the chief heads:—

Y.

Hay Crops.	Area.		Increase or Decrease —	Produce.		Increase or Decrease —
	1912.	1913.		1912.	1913.	
	Acres.	Acres.	Acres.	Tons.	Tons.	Tons.
Wheat ... ..	12,710	12,648	— 62	13,635	11,932	— 1,703
Oats ... ..	19,539	16,020	— 3,519	24,130	15,837	— 8,293
Lucerne ... ..	50,814	44,270	— 6,544	75,447	70,775	— 4,672
Other ... ..	4,580	3,531	— 1,049	6,655	5,391	— 1,264
Totals ... ..	87,643	76,469	— 11,174	119,867	103,935	— 15,932

Lucerne contributed considerably more than half both of acreage and produce. Wheat, of course, is rarely sown for hay, and is only so dealt with where an unsatisfactory grain crop appears probable.

### ARTIFICIALLY SOWN PASTURE.

The creation of permanent meadow land for the grazing of dairy stock is still growing in favour. There were 31,219 more acres thus occupied in 1913 than in 1912.

#### Z.

Petty Sessions District.	1912.	1913.	Increase, 1913.	Decrease, 1913.
	Acre.	Acre.	Acre.	Acre.
Beaudesert ... ..	368	861	493	...
Biggenden ... ..	6,572	9,422	2,850	...
Brisbane ... ..	963	1,097	134	...
Caboolture ... ..	2,204	1,766	...	438
Cairns ... ..	367	385	18	...
Childers ... ..	513	626	113	...
Condamine ... ..	488	482	...	6
Crow's Nest ... ..	1,954	2,040	86	...
Dalby ... ..	21,901	20,517	...	1,384
Dugandan ... ..	8,976	205	...	8,771
Gatton ... ..	1,128	18	...	1,110
Gayndah ... ..	1,639	5,988	4,349	...
Gympie ... ..	36,496	46,876	10,380	...
Herberton ... ..	9,246	12,132	2,886	...
Highfields ... ..	1,349	1,468	119	...
Inglewood ... ..	730	1,364	634	...
Jondaryan ... ..	2,308	595	...	1,713
Killarney ... ..	3,824	2,111	...	1,713
Maroochy ... ..	29,268	36,521	7,253	...
Maryborough ... ..	352	569	217	...
Nanango ... ..	15,606	18,178	2,572	...
Nerang ... ..	12,023	15,739	3,716	...
Oakey ... ..	3,582	19	...	3,563
Redcliffe ... ..	3,506	3,781	275	...
Rockhampton ... ..	1,627	1,760	133	...
Tiaro ... ..	1,277	1,933	656	...
Toowoomba ... ..	2,497	2,207	...	290
Warwick ... ..	4,681	4,300	...	381
Wienholt ... ..	21,731	26,092	4,361	...
Woodford ... ..	6,691	8,434	1,743	...
All other Districts ... ..	1,496	9,096	7,600	...
Totals ... ..	205,363	236,582	31,219	...

The Gympie and Maroochy districts were the largest contributors to the increase.



ENSILAGE.

Slight progress was recorded last year, but this method of preserving crops for future need does not “take hold” with the force that its undoubted merits would justify.

Z a.

Petty Sessions District.					1912.		1913.		Increase, 1913.	Decrease, 1913.
					No. of Makers.	Tons.	No. of Makers.	Tons.	Tons.	Tons.
Beaudesert	...	...	...	...	2	130	...	...	...	130
Brisbane	...	...	...	...	1	216	1	247	31	...
Bundaberg	...	...	...	...	...	...	1	60	60	...
Cairns	...	...	...	...	1	80	...	...	...	80
Charters Towers	...	...	...	...	1	50	...	...	...	50
Clifton	...	...	...	...	6	132	1	60	...	72
Condamine	...	...	...	...	...	...	4	108	108	...
Crow's Nest	...	...	...	...	1	30	...	...	...	30
Dalby	...	...	...	...	1	70	4	96	26	...
Esk	...	...	...	...	8	1,050	11	1,190	140	...
Gatton	...	...	...	...	1	392	1	130	...	262
Gayndah	...	...	...	...	3	65	8	447	382	...
Gympie	...	...	...	...	2	70	2	90	20	...
Herberton	...	...	...	...	4	305	5	211	...	94
Inglewood	...	...	...	...	1	50	...	...	...	50
Jondaryan	...	...	...	...	2	180	...	...	...	180
Killarney	...	...	...	...	1	50	...	...	...	50
Kilkivan	...	...	...	...	...	...	1	100	100	...
Laidley	...	...	...	...	1	80	...	...	...	80
Maroochy	...	...	...	...	1	21	...	...	...	21
Maryborough	...	...	...	...	3	240	3	260	20	...
Nanango	...	...	...	...	1	30	...	...	...	30
Oakey	...	...	...	...	1	40	3	11	...	29
Redcliffe	...	...	...	...	4	125	2	105	...	20
Rockhampton	...	...	...	...	1	35	...	...	...	35
Roma	...	...	...	...	1	100	6	320	220	...
Rosewood	...	...	...	...	1	60	1	50	...	10
South Brisbane	...	...	...	...	2	110	2	150	40	...
Southport	...	...	...	...	1	70	...	...	...	70
Springsure	...	...	...	...	...	...	1	50	50	...
Stanthorpe	...	...	...	...	...	...	1	15	15	...
Texas	...	...	...	...	...	...	...	...	...	...
Toowoomba	...	...	...	...	1	100	2	101	1	...
Warwick	...	...	...	...	1	45	8	152	107	...
Wienholt	...	...	...	...	5	230	6	310	80	...
Woodford	...	...	...	...	...	...	1	10	10	...
Totals	...	...	...	...	59	4,156	75	4,273	117	...

It is in a degree satisfactory to note that if the additional quantity stored is small, at the least the number of those storing shows a relative substantial increase.

THORNHILL WEEDON, F.S.S.,  
Government Statistician.

Bureau of Statistics, Brisbane, 23rd June, 1914.

## APPENDICES.

Table No. I.

RETURN OF THE NUMBER OF HORSES, CATTLE, SHEEP, AND SWINE IN THE VARIOUS PETTY SESSIONS DISTRICTS OF THE STATE, TOGETHER WITH THE INCREASE AND DECREASE OF CATTLE AND SHEEP ON THE 31ST DECEMBER, 1913.

Petty Sessions District.	Horses.	Cattle.				Sheep.				Swine.
		1912.	1913.	1913.		1912.	1913.	1913.		
				Increase.	Decrease.			Increase.	Decrease.	
	1913.									1913.
Adavale	2,679	4,536	5,468	932	...	413,711	480,575	66,864	...	32
Allora	4,198	10,725	11,025	300	...	14,349	12,324	...	2,025	2,644
Alpha	5,406	58,966	62,885	3,919	...	310,889	321,415	10,526	...	190
Aramac	2,404	1,938	2,700	762	...	338,222	436,927	98,705	...	37
Augathella	2,914	37,007	37,499	492	...	291,457	391,568	100,111	...	36
Ayr	8,904	21,256	20,684	...	572	126	232	106	...	612
Banana	4,404	58,441	59,409	968	...	53,919	54,113	194	...	26
Barcaldine	4,597	5,513	5,087	...	426	951,644	1,089,903	138,259	...	145
Beaudesert	4,932	58,545	59,380	835	...	1,137	1,120	...	17	6,023
Biggenden	4,207	25,742	28,120	2,378	...	297	246	...	51	1,267
Blackall	5,734	6,079	4,284	...	1,795	975,970	1,043,007	67,037	...	62
Bollon	5,064	78,711	77,518	...	1,193	497,820	544,974	47,154	...	34
Boulia	7,287	113,873	100,966	...	12,907	267,462	326,710	59,248	...	...
Bowen	11,937	125,115	131,412	6,297	...	2,520	1,259	...	1,261	329
Brisbane	9,374	16,993	15,986	...	1,007	2,717	2,289	...	428	2,807
Bundaberg	9,048	27,585	28,241	656	...	295	324	29	...	1,544
Burke	4,642	141,394	136,406	...	4,988	2,175	2,760	585	...	30
Caboolture	1,234	7,747	7,548	...	199	203	135	...	68	948
Cairns	3,615	5,764	6,416	652	...	104	94	...	10	515
Camooewal	3,562	61,139	64,308	3,169	...	23,233	18,000	...	5,233	40
Cape River	10,890	89,463	100,586	11,123	...	3,228	4,605	1,377	...	239
Cardwell	1,231	8,531	6,962	...	1,569	...	...	...	...	71
Charleville	7,952	56,306	57,943	1,637	...	556,613	770,495	213,882	...	311
Charters Towers	25,340	172,200	178,818	6,618	...	996	259	...	737	1,752
Childers	3,522	12,126	11,511	...	615	73	94	21	...	577
Chillagoe	7,676	42,636	43,495	859	...	...	...	...	...	325
Clermont	13,515	134,745	136,626	1,881	...	633,953	670,916	36,963	...	496
Cleveland	468	1,200	1,149	...	51	20	50	30	...	190
Clifton	7,296	15,693	15,739	46	...	24,709	22,071	...	2,638	3,462
Cloncurry	16,348	227,541	220,265	...	7,276	519,495	497,025	...	22,470	606
Coen	2,687	14,990	17,553	2,563	...	...	...	...	...	6
Condamine	5,172	41,215	44,379	3,164	...	3,863	4,498	635	...	1,206
Cook	4,560	26,816	24,961	...	1,855	9	...	...	9	49
Crow's Nest	4,567	24,404	24,306	...	98	1,260	1,008	...	252	4,018
Croydon	2,251	30,820	15,638	...	15,182	...	...	...	...	105
Cunnamulla	4,008	19,043	18,896	...	147	666,845	832,269	165,424	...	60
Dalby	15,500	87,953	76,714	...	11,239	587,262	529,913	...	57,349	3,231
Diamantina	3,609	72,728	79,045	6,317	...	300	438	138	...	...
Douglas	1,318	861	1,070	209	...	1	1	...	...	77
Dugandan	5,124	28,922	30,741	1,819	...	591	1,347	756	...	6,307
Eidsvold	7,332	81,205	86,703	5,498	...	14,807	10,482	...	4,325	165
Emerald	6,242	30,178	37,811	7,633	...	130,495	172,277	41,782	...	354
Esk	5,946	71,052	53,000	...	...	4,199	1,826	...	...	2,567
Gatton	5,642	31,094	17,467	...	...	672	647	...	...	4,689
	1,819	...	7,925	...	...	...	439	...	...	1,490
Ipswich	4,892	20,206	15,757	...	20,422	465	190	...	2,230	1,735
Laidley	3,841	18,537	14,339	...	...	265	109	...	...	3,312
	2,411	...	13,085	...	...	...	166	...	...	2,579
Marburg	2,051	9,251	8,145	...	...	8	2	...	...	3,844
Etheridge	10,716	149,647	169,931	20,284	...	...	...	...	...	255
Eulo	1,156	16,382	18,271	1,889	...	138,276	107,457	...	30,819	9
Gayndah	8,302	63,864	74,725	10,861	...	723	931	208	...	1,810
Gin Gin	4,838	45,521	44,164	...	1,357	990	1,042	52	...	732
Gladstone	17,878	156,126	169,864	13,738	...	7,204	6,689	...	515	1,784
Goodna	633	2,343	2,431	88	...	58	99	41	...	224
Goombungee	1,850	7,313	6,791	...	522	4,777	3,818	...	959	2,094
Goondiwindi	4,496	41,698	38,250	...	3,448	338,241	342,283	4,042	...	390
Gympie	8,006	71,260	75,843	4,583	...	1,140	969	...	171	5,287
Harrisville	3,651	17,676	18,294	618	...	575	820	245	...	3,578
Herberton	11,275	70,319	79,895	9,576	...	1,757	1,465	...	292	2,360
Highfields	1,461	7,119	6,474	...	645	389	131	...	258	1,402
Hughenden	9,909	74,140	79,209	5,069	...	801,510	892,701	91,191	...	289
Hungerford	698	3,004	3,137	133	...	107,799	119,427	11,628	...	...
Ingham	8,552	27,229	28,016	787	...	500	595	95	...	1,689
Inglewood	4,183	25,014	22,360	...	2,654	103,972	128,996	25,024	...	530
Isisford	4,761	2,674	3,218	544	...	755,350	794,464	39,114	...	20
Jondaryan	4,226	18,006	14,068	...	3,638	96,157	82,410	...	13,747	2,378
Jundah	2,729	10,558	9,344	...	1,214	340,223	380,430	40,207	...	1
Kilkivan	2,208	47,165	14,914	...	32,251	524	360	...	164	730
Killarney	2,572	7,881	6,690	...	1,191	4,280	3,642	...	638	758
Logan	2,920	12,974	13,415	441	...	294	237	...	57	1,924
Longreach	11,626	17,081	13,680	...	3,401	1,753,427	1,812,001	58,574	...	138
Mackay	26,609	77,829	80,039	2,210	...	13,103	11,891	...	1,212	1,021
Maroochy	3,084	23,765	26,678	2,913	...	302	566	264	...	2,930
Maryborough	6,186	24,672	24,321	...	351	554	494	...	60	925
Mitchell	9,296	111,515	100,087	...	11,428	455,321	538,679	83,358	...	345
Mount Morgan	6,086	14,506	13,241	...	1,265	473	495	22	...	453
Mount Perry	3,253	25,787	27,809	2,022	...	188	58	...	130	308
Mourilyan	2,222	2,783	3,187	404	...	11	...	...	11	106
Muttaborra	6,927	17,781	15,990	...	1,791	1,718,576	1,707,949	...	10,627	48
Nanango	12,152	57,077	81,383	24,306	...	2,862	1,388	...	1,474	4,503
Nerang	2,720	21,166	22,447	1,281	...	408	463	55	...	3,163
Norman	8,128	262,075	282,211	20,136	...	...	...	...	...	87
Oakey	3,462	9,802	8,780	...	1,022	21,335	18,966	...	2,369	2,073
Palmer	1,883	14,006	16,280	2,274	...	...	...	...	...	...
Pittsworth	7,487	31,585	29,910	...	1,675	184,489	191,589	7,100	...	3,658
Proserpine	4,170	12,112	13,309	1,188	...	4,595	4,436	...	159	56
Ravenswood	3,731	10,207	13,073	2,866	...	14	28	14	...	267
Redcliffe	2,133	13,100	14,061	961	...	635	25	...	610	2,571



Table No. I.—continued.

Petty Sessions District.				Horses.	Cattle.					Sheep.				Swine.
					1912.	1913.	1913.		1912.	1913.	1913.			
							Increase.	Decrease.			Increase.	Decrease.		
				1913.										1913.
Richmond	...	...	...	8,085	111,199	101,784	...	9,415	1,175,855	1,339,081	163,226	...	...	43
Rockhampton	...	...	...	31,711	259,335	279,402	20,967	...	26,066	26,061	...	...	5	4,340
Roma	...	...	...	10,431	90,045	86,766	...	3,279	330,635	328,455	...	...	2,180	1,047
Rosewood	...	...	...	3,199	21,105	21,051	...	54	335	541	206	...	...	3,556
St. George	...	...	...	7,105	36,078	26,964	...	9,114	832,109	811,630	...	...	20,479	179
St. Lawrence	...	...	...	7,250	63,224	74,995	11,771	...	6,844	5,090	...	...	1,754	133
Somerset	...	...	...	221	686	710	24	...	...	...	...	...	...	84
South Brisbane	...	...	...	5,023	10,085	10,880	795	...	829	711	...	...	118	1,481
Southport	...	...	...	624	1,942	1,904	...	38	90	86	...	...	4	106
Spingsure	...	...	...	9,845	124,919	119,926	...	4,993	422,575	470,333	47,758	...	...	254
Stanthorpe	...	...	...	3,764	24,093	18,161	...	5,932	104,768	126,857	22,089	...	...	322
Surat	...	...	...	4,771	29,937	22,648	...	7,289	480,086	506,211	26,125	...	...	61
Tambo	...	...	...	3,867	13,627	12,078	...	1,549	588,732	667,198	78,466	...	...	44
Taroom	...	...	...	5,982	88,314	97,751	9,437	...	40,814	47,883	7,069	...	...	93
Texas	...	...	...	2,306	8,900	11,340	2,440	...	9,584	12,358	2,774	...	...	278
Thargomindah	...	...	...	9,942	130,275	141,523	11,248	...	292,640	284,072	...	...	8,568	38
Tiaro	...	...	...	4,910	41,176	40,730	...	446	390	373	...	...	17	855
Toowoomba	...	...	...	7,159	18,617	17,693	...	924	23,246	13,117	...	...	10,129	3,883
Townsville	...	...	...	11,221	29,944	28,685	...	1,259	1,317	346	...	...	971	1,524
Warwick	...	...	...	11,136	39,523	35,143	...	4,380	124,755	130,392	5,637	...	...	3,312
Wienholt	...	...	...	8,582	46,422	85,006	38,584	...	2,572	3,188	616	...	...	3,779
Windsorah	...	...	...	3,997	51,131	61,924	10,793	...	293,575	256,624	...	...	36,951	2
Winton	...	...	...	10,815	66,220	68,404	2,184	...	1,389,810	1,316,917	...	...	42,893	209
Woodford	...	...	...	3,318	25,184	27,688	2,504	...	150	128	...	...	22	2,310
Yeulba	...	...	...	1,474	17,363	17,125	...	238	2,848	1,852	...	...	996	72
Total in State, 1913				707,265	...	5,322,033	...	...	20,310,036	21,786,600	...	...	...	140,045
Total in State, 1912				674,573	5,210,891	...	...	...	...	...	...	...	...	143,695
Increase in 1913				32,692	...	...	111,142	...	...	...	1,476,564	...	...	...
Decrease in 1913				...	...	...	...	...	...	...	...	...	...	3,650
Centesimal Increase in 1913				4·85	...	...	2·13	...	...	...	7·27	...	...	...
Centesimal Decrease in 1913				...	...	...	...	...	...	...	...	...	...	2·54

NOTE.—Nanango, 1913, includes part of Esk and Crow's Nest, 1912. Wienholt, 1913, includes part of Kilkivan, 1912.

## Pastoral and Petty Sessions Districts.

Pastoral District.	Petty Sessions District.	Pastoral District.	Petty Sessions District.	Pastoral District.	Petty Sessions District.	Pastoral District.	Petty Sessions District.
Burke ...	Burke Camooweal Richmond Cloncurry, part of Croydon, part of Hughenden, part of Norman, part of Eidsvold Gayndah Mount Perry Wienholt Biggenden, part of Nanango, part of	Darling Downs— <i>continued</i>	Pittsworth Stanthorpe Texas Warwick Crow's Nest, part of Highfields, part of Toowoomba, part of Yeulba, part of Boulia Winton Cloncurry, part of Diamantina, part of Windsorah, part of Adavale, part of Diamantina, part of Isisford, part of Jundah, part of Thargomindah, part of Windsorah, part of	Mitchell <i>—contd.</i>	Longreach Alpha, part of Blackall, part of Hughenden, part of Isisford, part of Jundah, part of Muttaborra, part of Tambo, part of Beaudesert Brisbane Caboolture Cleveland Dugandan Esk Gatton Goodna Harrisville Helidon Ipswich Laidley Logan Lowood Marburg Nerang Redcliffe Rosewood South Brisbane Southport Crow's Nest, part of Highfields, part of Maroochy, part of Nanango, part of Toowoomba, part of Woodford, part of	North Kennedy <i>—contd.</i>	Ingham Proserpine Ravenswood Townsville Bowen, part of Cape River, part of Herberton, part of Gladstone Mount Morgan Rockhampton, part of St. Lawrence, part of Alpha, part of Bowen, part of Cape River, part of Clermont, part of Mackay, part of Muttaborra, part of Augathella Charleville Cunnamulla Eulo Hungerford Adavale, part of Blackall, part of Tambo, part of Thargomindah, part of Bundaberg Childers Gin Gin Gympie Kilkivan Maryborough Tiaro Biggenden, part of Maroochy, part of Woodford, part of
Burnett	Mourilyan Palmer Somerset Croydon, part of Herberton, part of Norman, part of Allora Clifton Condamine Dalby Goombungee Goondiwindi Highfields Inglewood Jondaryan Killarney Oakley	Gregory North	Banana Emerald Springsure Taroom Clermont, part of Mackay, part of Rockhampton, part of Roma, part of St. Lawrence, part of Yeulba, part of	Moreton		Port Curtis	
Cook ...		Gregory South				South Kennedy	
Darling Downs		Leichardt				Warrego	
		Maranoa				Wide Bay	
		Mitchell		North Kennedy			

Table No. II.

RETURN OF THE NUMBER OF HORSES, CATTLE, SHEEP, AND SWINE IN THE VARIOUS PASTORAL DISTRICTS OF THE STATE FOR THE YEARS 1912 AND 1913, TOGETHER WITH THE NUMERICAL AND CENTESIMAL INCREASE OR DECREASE IN THE LATTER YEAR.

Pastoral District.	Year.	Horses.	Cattle.	Sheep.	Swine.	Numerical Increase or Decrease —				Centesimal Increase or Decrease —			
						Horses.	Cattle.	Sheep.	Swine.	Horses.	Cattle.	Sheep.	Swine.
Burke ...	1912	45,319	843,826	2,129,639	1,114	...	...	...	...	...	...	...	...
	1913	45,879	775,574	2,371,182	1,143	560	— 68,252	242,143	29	1·24	— 8·09	11·37	2·60
Burnett ...	1912	36,719	319,793	21,473	10,115	...	...	...	...	...	...	...	...
	1913	39,495	347,457	15,339	11,211	2,776	27,664	— 6,134	1,096	7·56	8·65	— 28·57	10·84
Cook ...	1912	43,815	316,446	1,443	3,201	...	...	...	...	...	...	...	...
	1913	44,110	383,482	935	2,659	295	67,036	— 508	542	0·67	21·18	— 35·20	— 16·93
Darling Downs	1912	83,684	395,806	1,646,176	36,716	...	...	...	...	...	...	...	...
	1913	86,593	366,735	1,623,365	31,621	2,909	— 29,071	— 22,811	— 5,095	3·48	— 7·34	— 1·39	— 13·88
Gregory North	1912	21,524	278,514	1,738,336	90	...	...	...	...	...	...	...	...
	1913	21,480	255,648	1,710,927	209	— 44	— 22,866	— 27,409	119	— 0·20	— 8·21	— 1·58	132·22
Gregory South	1912	8,274	123,818	486,523	26	...	...	...	...	...	...	...	...
	1913	12,098	182,282	440,909	20	3,824	58,464	— 45,614	6	46·22	47·22	— 9·38	— 23·08
Leichhardt ...	1912	50,202	552,983	1,123,041	1,839	...	...	...	...	...	...	...	...
	1913	53,809	593,207	1,226,106	1,458	3,607	40,224	103,065	381	7·18	7·27	9·18	— 20·72
Maranoa ...	1912	35,819	340,646	2,591,089	1,697	...	...	...	...	...	...	...	...
	1913	35,660	291,156	2,725,717	1,738	— 159	— 49,490	134,628	41	— 0·44	— 14·53	5·20	2·42
Mitchell ...	1912	46,379	102,462	7,631,014	753	...	...	...	...	...	...	...	...
	1913	44,809	80,199	7,864,518	594	— 1,570	— 22,263	233,504	159	— 3·39	— 21·73	3·06	— 21·12
Moreton ...	1912	86,171	443,241	15,366	66,648	...	...	...	...	...	...	...	...
	1913	83,041	451,513	13,958	62,858	2,870	8,272	— 1,408	3,790	3·58	1·87	— 9·16	— 5·69
North Kennedy	1912	80,476	454,894	8,679	5,242	...	...	...	...	...	...	...	...
	1913	87,450	505,636	7,686	7,583	6,974	50,742	— 993	2,341	8·67	11·15	— 11·44	44·66
Port Curtis ...	1912	47,726	343,245	38,156	4,985	...	...	...	...	...	...	...	...
	1913	52,215	378,736	35,025	6,284	4,489	35,491	— 3,131	1,299	9·41	10·34	— 8·21	26·06
South Kennedy	1912	30,981	271,322	334,327	1,182	...	...	...	...	...	...	...	...
	1913	35,652	273,113	537,309	1,434	4,671	1,791	202,982	252	15·08	0·66	60·71	21·32
Warrego ...	1912	25,613	180,036	2,541,585	649	...	...	...	...	...	...	...	...
	1913	25,358	185,118	3,209,968	468	— 255	5,082	668,383	181	— 1·00	2·82	26·30	— 27·89
Wide Bay ...	1912	37,871	243,859	3,789	9,438	...	...	...	...	...	...	...	...
	1913	39,616	252,177	3,656	10,765	1,745	8,318	— 133	1,327	4·61	3·41	— 3·51	14·06

Table No. III.

IN CONVERTING HORSES AND CATTLE TO TERMS OF SHEEP, TEN HEAD OF SHEEP ARE TAKEN AS EQUAL TO ONE HORSE OR HEAD OF CATTLE.

Year.	HORSES.			CATTLE.			SHEEP.			ALL KINDS IN TERMS OF SHEEP.		
	Acres per Head.	Number per Square Mile.	Number per Capita Population.	Acres per Head.	Number per Square Mile.	Number per Capita Population.	Acres per Head.	Number per Square Mile.	Number per Capita Population.	Acres per Head.	Number per Square Mile.	Number per Capita Population.
1904...	1,039	0·62	0·79	158	4·07	5·22	40	16·22	20·79	10·17	63·12	80·89
1905	997	0·64	0·82	145	4·43	5·61	34	18·75	23·74	9·23	69·53	88·02
1906 ..	947	0·68	0·85	126	5·09	6·38	29	22·20	27·82	8·01	79·87	100·08
1907...	878	0·73	0·89	110	5·80	7·12	26	24·96	30·63	7·09	90·30	110·80
1908 ..	825	0·78	0·93	99	6·45	7·74	23	27·37	32·87	6·43	99·57	119·60
1909...	772	0·83	0·96	91	7·03	8·14	22	29·22	33·87	5·94	107·78	124·91
1910...	723	0·89	0·99	84	7·65	8·57	21	30·32	33·94	5·53	115·72	129·50
1911...	693	0·92	0·99	85	7·57	8·15	21	30·93	33·34	5·53	115·83	124·83
1912 ..	636	1·01	1·06	82	7·77	8·19	21	30·29	31·91	5·42	118·07	124·39
1913...	607	1·05	1·07	81	7·94	8·06	20	32·49	33·00	5·23	122·42	124·33

Table No. IV.

SHOWING SIZES AND DISTRIBUTION OF HERDS OF CATTLE IN PASTORAL DISTRICTS.

Pastoral District.	1 to 100.		101 to 300.		301 to 1,000.		1,001 and Upwards.		Totals.	
	Owners.	Cattle.	Owners.	Cattle.	Owners.	Cattle.	Owners.	Cattle.	Owners.	Cattle.
Burke ...	228	7,429	52	9,778	50	29,586	75	728,781	405	775,574
Burnett ...	2,450	74,297	191	31,845	107	61,748	62	179,567	2,810	347,457
Cook ...	835	20,424	72	12,843	35	17,992	54	332,223	996	383,482
Darling Downs	6,794	170,818	405	64,728	86	48,054	34	83,135	7,319	366,735
Gregory North	132	2,623	5	868	13	8,940	28	243,217	178	255,648
Gregory South	47	1,377	10	1,874	9	5,603	25	173,428	91	182,282
Leichhardt ...	1,189	23,386	162	30,390	97	55,594	113	483,837	1,561	593,207
Maranoa ...	1,127	33,601	124	21,177	40	22,820	59	213,558	1,350	291,156
Mitchell ...	646	14,622	69	11,004	17	9,702	13	44,871	745	80,199
Moreton ...	10,832	257,330	568	93,871	102	52,895	22	47,417	11,524	451,513
North Kennedy	1,916	39,984	151	25,904	77	41,090	73	398,658	2,217	505,636
Port Curtis ...	1,779	47,917	255	44,813	136	76,255	71	209,751	2,241	378,736
South Kennedy	953	19,969	49	8,617	34	13,488	48	231,039	1,084	273,113
Warrego ...	470	12,383	56	9,587	41	22,533	32	140,615	599	185,118
Wide Bay ...	4,607	106,865	307	52,235	77	36,760	25	56,317	5,016	252,177
Totals ...	34,005	833,025	2,476	419,534	921	503,060	734	3,566,414	38,136	5,322,033



Table No. V.

SHOWING SIZES AND DISTRIBUTION OF FLOCKS OF SHEEP IN PASTORAL DISTRICTS.

Pastoral District.	50 and under.		51 to 500.		501 to 1,000.		1,001 to 2,000.		2,001 to 5000.		5,001 to 10,000.		10,001 to 20,000.		20,001 to 50,000.		50,001 to 100,000.		100,001 and upwards.		Totals.	
	Owners.	Sheep.	Owners.	Sheep.	Owners.	Sheep.	Owners.	Sheep.	Owners.	Sheep.	Owners.	Sheep.	Owners.	Sheep.	Owners.	Sheep.	Owners.	Sheep.	Owners.	Sheep.	Owners.	Sheep.
Burke ... ..	19	383	11	2,300	3	2,583	8	13,722	19	68,171	20	145,319	26	393,769	28	861,569	9	635,034	2	248,332	145	2,371,182
Burnett ... ..	32	937	17	2,472	1	700	...	...	4	11,230	...	...	...	...	...	...	...	...	...	54	15,339	
Cook ... ..	8	45	6	890	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	14	935	
Darling Downs ... ..	191	4,561	322	79,224	185	140,553	121	173,853	93	301,951	38	278,531	14	217,863	10	274,742	2	152,087	...	...	976	1,623,365
Gregory North ... ..	5	97	7	1,319	4	3,550	3	5,630	9	32,830	21	159,337	15	217,381	9	244,622	11	786,881	2	259,280	86	1,710,927
Gregory South ... ..	3	92	2	479	...	...	3	4,742	6	21,650	7	49,276	4	50,499	7	224,102	1	90,069	...	...	33	440,909
Leichhardt ... ..	52	1,160	52	12,970	47	35,514	55	85,333	57	181,837	16	121,057	16	210,769	10	324,446	4	253,020	...	...	309	1,226,106
Maranoa ... ..	44	1,048	70	16,083	62	48,992	74	107,427	86	302,293	64	440,281	32	432,785	26	831,642	8	545,166	...	...	466	2,725,717
Mitchell ... ..	23	429	25	6,374	14	11,314	37	60,908	94	354,573	109	815,037	88	1,251,167	60	1,779,877	24	1,794,206	13	1,790,633	487	7,864,518
Moreton ... ..	156	2,896	49	6,438	6	4,624	...	...	...	...	...	...	...	...	...	...	...	...	...	211	13,958	
North Kennedy ... ..	20	427	18	2,459	1	700	1	1,600	1	2,500	...	...	...	...	...	...	...	...	...	41	7,686	
Port Curtis ... ..	53	1,056	34	4,601	...	...	3	4,800	4	10,957	...	...	1	13,611	...	...	...	...	...	95	35,025	
South Kennedy ... ..	7	158	19	3,475	8	6,537	6	9,850	24	81,182	18	123,443	8	115,320	3	95,344	...	...	1	102,000	94	537,309
Warrego ... ..	19	449	22	4,564	11	8,733	31	53,033	74	258,087	48	337,631	36	510,616	28	933,130	9	597,166	4	506,559	282	3,209,968
Wide Bay ... ..	47	821	25	2,835	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	72	3,656	
Totals ... ..	679	14,559	679	146,483	342	263,800	342	520,898	471	1,627,261	341	2,469,912	240	3,413,780	181	5,569,474	68	4,853,629	22	2,906,804	3,365	21,786,600

Table No. VI.

RETURN OF TEN YEARS OF LIVE STOCK SLAUGHTERED for PRESERVATION as FOOD, or FREEZING, or for TALLOW, in the STATE, with the Quantity and Value of MEAT, TALLOW, LARD, ETC., produced.

Year.		Number of Establishments.	Average Number of Hands Employed.	NUMBER SLAUGHTERED.						Lambs.	Swine.	MEAT PRESERVED OR FROZEN.										Extract and Essence of Meat Produced.	Quantity of Tallow Produced.	Quantity of Lard Produced.	Total Value of all Products shown here.
				Cattle.			Sheep.					Beef.			Mutton.			Lamb.							
				For Freezing.	For Preserving.	For Boiling Down.	For Freezing.	For Preserving.	For Boiling Down.			Frozen.	Fresh Preserved.	Salted.	Frozen.	Fresh Preserved.	Salted.	Frozen.	Fresh Preserved.	Bacon and Hams.	Pork, Salt and Fresh.				
1904	...	17	1,059	51,108	19,066	579	90,828	10,206	...	No.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	tons.	lb.	£		
1905	...	15	1,516	66,288	14,315	156	267,248	20,186	65	106,633	36,514,333	10,227,433	400,237	4,598,825	470,645	...	...	...	6,514,852	2,131,647	59,091	4,290	314,489	952,388	
1906	...	11	1,050	60,807	15,936	791	107,527	11,994	12	153,136	47,846,259	9,982,659	57,421	12,381,958	779,122	...	...	...	10,500,335	2,282,881	58,803	4,179	522,190	1,132,226	
1907	...	11	1,283	68,483	5,106	643	242,384	13,241	710	153,918	42,362,283	10,293,794	...	4,251,216	486,367	...	...	...	10,846,959	1,814,670	33,295	3,237	456,357	1,015,247	
1908	...	11	1,315	49,357	11,822	189	207,234	15,701	760	140,114	47,169,088	3,746,015	159,550	9,796,205	436,414	21,274	...	...	10,015,008	1,825,165	31,100	3,415	514,594	1,256,199	
1909	...	13	1,475	85,665	24,179	446	348,501	131,720	8,786	21,851	134,854	33,318,758	6,686,095	134,369	8,625,494	659,360	12,437	882,009	...	11,324,323	850,752	30,663	2,858	493,544	1,030,369
1910	...	13	1,923	131,814	33,005	2,245	867,031	143,273	93,651	15,705	133,931	89,710,770	19,450,283	215,226	34,345,343	4,692,119	8,248	484,039	85	9,228,317	2,574,737	61,220	7,011	592,614	1,507,795
1911	...	13	2,156	152,627	46,074	2,555	178,607	106,385	6,475	12,465	150,689	92,853,184	27,909,045	3,218,028	6,847,460	2,822,710	2,125	375,739	6,158	11,667,654	789,837	96,925	7,677	582,154	1,575,463
1912	...	19	3,568	280,489	71,173	3,352	528,744	58,095	16,770	10,072	162,655	142,402,250	31,651,315	4,123,018	19,590,274	1,238,786	2,421	299,382	504	12,437,019	1,041,224	352,685	12,572	822,398	3,031,969
1913	...	21	4,225	346,243	97,678	5,832	636,758	47,893	6,428	40,780	172,084	191,600,986	40,972,885	4,476,684	25,853,408	1,324,847	31,519	1,238,582	512	13,709,716	670,345	520,743	16,399	836,353	4,206,385

11,358 swine killed by farmers, and pork and bacon made therefrom, are included in this table.

Table No. VII.

RETURN showing the NUMBER of CATTLE, SHEEP, ETC., SLAUGHTERED for CONSUMPTION as FOOD in the STATE, together with the AVERAGE DEAD WEIGHT of each ANIMAL and the ESTIMATED QUANTITY CONSUMED PER CAPITA, for TEN YEARS, ending 31st DECEMBER, 1913 (exclusive of Factories engaged in Slaughtering for Preservation).

YEARS.						Mean Population for the Year.	NUMBER SLAUGHTERED.					AVERAGE DRESSED WEIGHT.					CONSUMPTION PER CAPITA.					
							Cattle.	Sheep.	Calves.	Lambs.	Swine.	Cattle.	Sheep.	Calves.	Lambs.	Swine.	Beef.	Mutton.	Veal.	Lamb.	Pork.	Total.
1904	...	...	...	...	...	519,178	138,015	307,455	6,824	2,640	28,826	lb. 655	lb. 50	lb. 58	lb. 33	lb. 84	lb. 173.55	lb. 29.29	lb. 0.76	lb. 0.17	lb. 4.65	lb. 208.42
1905	...	...	...	...	...	525,728	133,377	304,998	4,669	5,355	33,790	662	48	62	34	77	168.39	27.95	0.55	0.35	4.97	202.21
1906	...	...	...	...	...	532,783	145,276	334,793	5,742	6,715	35,821	661	48	62	35	79	180.20	30.50	0.66	0.44	5.33	217.13
1907	...	...	...	...	...	541,204	153,083	392,641	6,543	7,942	32,586	630	45	58	34	80	178.20	32.65	0.70	0.50	4.82	216.87
1908	...	...	...	...	...	555,171	173,957	443,391	7,744	9,738	32,458	616	44	58	34	85	193.92	35.65	0.81	0.60	4.97	235.44
1909	...	...	...	...	...	571,044	185,220	553,742	9,514	12,118	37,205	609	41	62	34	83	197.47	39.92	1.04	0.71	5.40	244.54
1910	...	...	...	...	...	592,201	198,862	617,961	12,588	13,530	34,651	626	43	66	36	85	210.21	43.83	1.40	0.82	4.97	261.23
1911	...	...	...	...	...	614,352	228,874	661,951	15,134	15,270	44,774	599	43	69	34	98	223.29	45.94	1.70	0.84	7.12	278.89
1912	...	...	...	...	...	631,577	228,250	643,897	17,068	15,754	49,978	580	44	76	35	84	209.47	44.67	2.05	0.88	6.62	263.69
1913	...	...	...	...	...	652,555	235,212	627,637	18,465	16,331	43,804	588	43	78	32	87	211.99	41.51	2.21	0.82	5.82	262.35



**Table No. VIII.**  
**OTHER PRODUCTS of MEAT PRESERVING, ETC., ESTABLISHMENTS in the STATE—RETURN for TEN YEARS.**

Year.			No.	Hides.		Skins.		Edible Fats.		Bones.		Hoofs and Horns.	Hair.		Oils, &c.		Manure.		All Othe Products.	Total Value.
				Number.	£	Number.	£	Lb.	£	Tons.	£	£	Lb.	£	Gallons.	£	Tons.	£	£	£
1904	...	...	12	76,677	86,505	124,251	19,023	377,105	5,109	159	1,001	3,069	28,933	813	7,242	753	1,763	8,667	20,912	145,852
1905	...	...	12	90,184	92,405	308,017	63,937	1,036,602	15,727	167	1,033	3,717	41,142	894	7,144	826	1,566	8,466	21,724	208,729
1906	...	...	9	83,690	102,141	155,357	35,769	1,539,004	23,796	156	1,267	2,604	35,525	738	8,216	967	1,448	8,197	12,818	188,297
1907	...	...	10	74,232	91,953	255,635	87,678	1,027,499	17,117	154	1,216	2,133	28,325	698	5,397	610	1,437	4,922	24,107	235,268
1908	...	...	10	68,468	74,908	301,596	39,062	1,023,902	17,368	125	846	1,640	28,433	602	5,821	746	1,395	6,966	9,271	151,409
1909	...	...	11	118,398	151,586	565,236	100,246	1,180,503	19,466	172	1,130	2,905	48,788	935	10,171	1,093	2,323	11,015	24,941	313,317
1910	...	...	11	167,064	224,475	1,119,660	219,805	1,324,384	22,170	266	1,815	4,354	70,241	1,542	14,794	1,593	3,538	17,695	25,256	518,705
1911	...	...	12	200,296	244,228	303,932	76,716	534,466	9,255	348	2,558	4,733	76,882	1,670	14,265	1,649	4,372	22,694	29,348	392,851
1912	...	...	19	343,894	452,797	663,416	131,948	1,933,753	31,412	676	5,501	9,217	100,089	3,060	24,097	2,805	7,009	33,913	40,556	7 1,209
1913	...	...	21	456,919	695,491	789,889	194,155	4,060,966	64,713	1,072	9,176	10,291	134,376	4,271	34,467	4,410	8,751	45,095	53,621	1,081,223

Table No. IX.

RETURN SHOWING NUMBER OF SHEEP SHORN AND QUANTITY OF WOOL PRODUCED, TOGETHER WITH THE CLASSIFICATION OF SHEEP AND VALUE OF MACHINERY ON HOLDINGS FOR THE YEAR ENDED 31ST DECEMBER, 1913.

Pastoral District.	CLASSIFICATION OF SHEEP SHORN.						Lambs Unshorn.	Grown Sheep Unshorn.	Grand Total.	RESULT OF CLIP.						Total Production of Wool expressed as Greasy.	AVERAGE PER FLEECE IN THE GREASE.			Value of Machinery on Sheep Holdings.	
	Ewes.	Wethers.	Weaners & Hoggets.	Lambs.	Rams.	Total.				Greasy.		Average per Bale.	Scoured.		Average per Bale.						
										Bales.	Lb.		Bales.	Lb.							
Burke ...	1,051,428	554,595	368,785	317,263	26,518	2,318,589	14,230	74,156	2,406,975	15,022	5,417,471	361	21,289	4,620,034	217	14,657,539	6'35	6'32	—0'03	32,858	
Burnett ...	6,847	2,310	3,441	259	160	13,017	1,469	2	14,488	203	55,985	276	...	...	...	55,985	5'55	4'30	—1'25	548	
Cook ...	405	30	20	100	7	562	30	60	652	9	2,192	244	...	...	...	2,192	...	3'90	3'90	55	
Darling Downs	558,843	645,184	137,351	51,536	12,276	1,405,190	114,079	44,496	1,563,765	31,047	10,618,438	342	602	132,016	219	10,882,470	6'99	7'74	0'75	92,844	
Gregory North	925,972	319,005	301,062	200,776	22,449	1,769,264	40,265	27,406	1,836,935	13,948	5,119,285	367	15,066	3,398,098	226	11,915,481	6'25	6'73	0'48	53,580	
Gregory South	232,758	76,223	40,218	50,176	6,051	405,426	9,196	26,936	441,558	6,799	2,623,204	386	1,097	273,571	249	3,170,346	7'18	7'82	0'64	14,937	
Leichhardt ...	519,613	346,800	135,069	70,213	11,992	1,083,687	54,230	24,072	1,161,989	21,349	7,480,877	350	550	131,536	239	7,743,949	5'87	7'15	1'28	32,754	
Maranoa ...	1,241,156	738,588	242,326	209,491	26,559	2,458,120	137,633	27,402	2,623,155	47,371	17,083,649	361	3,506	781,343	223	18,646,335	6'80	7'59	0'79	65,749	
Mitchell	3,904,065	1,887,455	1,069,809	804,447	96,517	7,762,293	185,223	225,522	8,173,038	106,936	39,047,433	365	34,812	8,051,070	231	55,149,573	6'40	7'10	0'70	163,063	
Moreton ...	3,694	1,820	244	496	105	6,359	1,131	1,945	9,435	95	31,053	327	...	132	...	31,317	5'35	4'92	—0'43	1,764	
North Kennedy	3,204	1,069	148	76	65	4,562	525	1,754	6,341	64	17,610	275	...	...	...	17,610	5'12	3'86	—1'26	39	
Port Curtis ...	12,039	10,160	2,125	1,359	269	25,952	484	122	26,558	443	132,418	299	46	9,523	207	151,464	6'32	5'84	—0'48	1,645	
South Kennedy	173,092	100,648	34,945	14,631	2,692	326,008	7,937	3,856	337,801	5,919	2,147,481	363	298	70,713	237	2,288,907	5'70	7'02	1'32	12,673	
Warrego ...	1,423,561	564,788	333,095	353,778	32,658	2,707,880	115,279	59,962	2,885,121	48,924	18,017,438	368	6,733	1,615,093	240	21,247,624	6'49	7'85	1'36	66,650	
Wide Bay ...	1,580	415	158	19	43	2,215	315	59	2,589	35	11,069	316	...	...	...	11,069	5'58	5'00	—0'58	..	
Totals...	10,058,257	5,249,090	2,668,796	2,074,620	238,361	20,289,124	682,026	517,750	21,488,900	298,164	107,805,603	362	83,999	19,083,129	227	145,971,861	6'46	7'19	0'73	539,159	
	Quantity wool returned greasy but subsequently scoured						...	...	...	...	...	— 3,411	— 1,234,884	...	+ 2,716	+ 616,623					
	Total Greasy						...	...	...	...	...	294,753	106,570,719	...	...	...					
	Scoured						...	...	...	...	...	...	...	...	86,715	19,699,752					
	Quantity wool fellmongered during the year						...	...	...	...	...	...	...	...	5,793	1,314,949	...				
	Total Scoured						...	...	...	...	...	...	...	...	92,508	21,014,701					
	Estimated quantity wool on skins exported during the year						...	...	...	...	...	...	...	...	...	...	5,581,355				
	Total of all Wool expressed as Greasy						...	...	...	...	...	...	...	...	...	...	154,183,114				



Table No. X.

RETURN SHOWING the RESULTS of the DAIRYING INDUSTRY for the YEAR ended 31st DECEMBER, 1913.

District.	Total Milk Obtained.	HOW UTILISED.							ESTABLISHMENTS.			DAIRY CATTLE.		BUTTER MADE.			CHEESE MADE.		
		For Butter on Farms.	For Cheese on Farms.	For Domestic Purposes by Producer.	Separated for Sale.	Sold for Consumption as Milk.	Sold to Condensed Milk Factories.	Sold to Cheese Factories.	Dairying.	Butter Factories.	Cheese Factories.	In Milk.	Dry.	At Factories.	By Farmers.	Total.	At Factories.	By Farmers.	Total.
	Gallons.	Gallons.	Gallons.	Gallons.	Gallons.	Gallons.	Gallons.	Gallons.	No.	No.	No.	No.	No.	Lb.	Lb.	Lb.	Lb.	Lb.	Lb.
<b>Moreton—</b>																			
Brisbane ...	2,364,020	201,357	...	351,571	353,283	1,457,809	...	...	601	1	...	6,516	2,717	1,300,523	53,610	1,354,133	...	...	...
South Brisbane ...	1,085,574	52,482	...	84,036	172,209	776,847	...	...	246	1	...	3,196	1,252	410,932	17,082	428,014	...	...	...
Beaudesert ...	3,351,989	124,111	...	108,759	3,084,652	15,467	...	19,000	354	1	1	11,927	3,834	1,316,560	51,990	1,368,550	18,985	...	18,985
Caboolture ...	759,484	27,138	...	27,956	693,440	10,950	...	...	115	1	...	2,680	1,006	2,572,108	10,471	2,582,579	...	...	...
Cleveland ...	84,821	1,350	...	48,840	5,475	29,156	...	...	75	...	...	297	248	...	675	675	...	...	...
Crow's Nest ...	1,576,174	77,838	...	82,129	1,385,824	7,623	...	22,760	342	1	...	5,851	1,865	415,985	37,671	453,656	...	...	...
Dugandan ...	2,708,024	71,067	...	103,815	2,508,196	24,946	...	...	462	1	...	8,350	1,941	1,484,392	31,324	1,515,716	...	...	...
Esk ...	2,814,126	94,386	210	121,316	1,247,971	13,600	1,336,643	...	312	1	...	8,597	4,025	450,628	38,973	489,601	...	210	210
Gatton ...	1,535,084	81,208	355	110,433	1,332,493	10,595	...	...	491	2	...	6,749	1,694	1,623,832	37,906	1,661,738	...	205	205
Goodna ...	108,840	9,223	...	36,716	55,014	7,887	...	...	25	...	...	337	158	...	4,094	4,094	...	...	...
Harrisville ...	2,427,237	79,205	...	68,751	2,206,011	1,985	71,285	...	336	1	...	7,144	1,608	67,946	34,606	102,552	...	...	...
Helidon ...	1,479,758	87,470	...	48,566	1,342,302	1,420	...	...	257	...	...	3,959	1,094	...	27,884	27,884	...	...	...
Ipswich ...	1,366,196	46,108	...	67,417	1,088,392	164,279	...	...	208	3	...	4,163	1,420	1,856,499	22,497	1,878,996	...	...	...
Laidley ...	1,353,276	71,094	...	84,954	1,183,611	13,617	...	...	397	1	...	5,227	1,078	601,800	28,222	630,022	...	...	...
Logan ...	1,687,227	122,402	...	102,758	1,440,030	22,037	...	...	457	1	...	5,227	1,654	1,911,196	40,672	1,951,868	...	...	...
Lowood ...	1,292,979	40,143	...	46,270	1,074,875	3,109	128,582	...	228	...	...	3,752	1,064	...	15,603	15,603	...	...	...
Marburg ...	1,651,481	30,458	...	51,171	1,569,852	...	...	...	231	2	...	3,952	959	920,875	12,973	933,848	...	...	...
Maroochy ...	3,507,907	152,911	12,000	232,283	3,108,322	2,391	...	...	604	1	...	11,142	3,255	735,410	75,245	810,655	...	12,000	12,000
Nerang ...	3,009,161	92,505	42,971	74,602	2,782,925	1,458	14,700	...	343	...	1	8,861	3,286	...	40,843	40,843	14,700	38,740	53,440
Redcliffe ...	1,918,416	51,622	...	81,111	1,506,855	242,828	...	...	292	1	...	6,501	2,313	547,283	24,554	571,837	...	...	...
Rosewood ...	1,677,371	57,921	...	50,204	1,491,827	19,924	98,495	...	319	...	1	6,584	1,996	...	29,877	29,877	98,268	...	98,268
Southport ...	181,249	4,391	...	7,051	132,886	36,971	...	...	31	...	...	701	301	...	2,195	2,195	...	...	...
Woodford ...	1,916,772	88,747	27,288	77,204	1,714,533	...	9,000	...	246	1	1	6,463	1,970	543,623	37,674	581,297	8,017	26,873	34,890
<b>Total Moreton ...</b>	<b>39,857,166</b>	<b>1,665,137</b>	<b>82,824</b>	<b>2,067,913</b>	<b>31,480,928</b>	<b>2,864,809</b>	<b>1,536,510</b>	<b>158,955</b>	<b>6,972</b>	<b>20</b>	<b>4</b>	<b>128,176</b>	<b>40,738</b>	<b>16,759,592</b>	<b>676,641</b>	<b>17,436,233</b>	<b>139,970</b>	<b>78,028</b>	<b>217,998</b>
<b>Wide Bay—</b>																			
Biggenden ...	1,227,703	72,295	...	38,361	1,115,222	1,825	...	...	250	1	...	4,577	1,541	589,254	35,062	624,316	...	...	...
Bundaberg ...	831,443	214,129	...	157,720	395,434	64,160	...	...	491	1	...	4,163	2,994	293,481	76,305	369,786	...	...	...
Childers ...	301,817	136,029	...	94,679	64,351	6,758	...	...	201	...	...	1,078	597	...	44,518	44,518	...	...	...
Eidsvold ...	62,733	30,319	...	21,284	11,130	...	...	...	34	...	...	241	206	...	6,449	6,449	...	...	...
Gayndah ...	1,407,584	83,482	...	77,440	1,234,330	12,332	...	...	312	1	...	4,971	1,575	468,160	41,211	509,371	...	...	...
Gin Gin ...	396,788	55,907	...	47,877	291,524	1,460	...	...	153	...	...	1,678	990	...	22,503	22,503	...	...	...
Gympie ...	5,324,238	227,014	...	186,345	4,864,225	46,654	...	...	654	1	...	17,718	5,852	1,506,571	93,884	1,600,455	...	...	...
Kilkivan ...	565,550	28,822	...	21,010	515,528	190	...	...	84	...	...	2,043	813	...	11,176	11,176	...	...	...
Maryborough ...	886,466	151,797	...	79,911	539,865	114,893	...	...	345	1	...	3,575	1,892	787,873	66,360	864,233	...	...	...
Mount Perry ...	66,123	13,350	...	3,723	40,392	8,658	...	...	18	...	...	211	273	...	4,476	4,476	...	...	...
Nanango ...	2,284,056	188,743	...	114,542	1,934,234	46,637	...	...	577	2	...	7,263	2,432	1,519,808	68,412	1,588,220	...	...	...
Tiaro ...	1,674,184	139,758	3,120	59,957	1,471,169	180	...	...	256	1	...	4,800	1,996	559,901	47,183	607,084	...	3,120	3,120
Wienholt ...	2,283,676	138,097	...	118,192	2,021,182	6,205	...	...	433	...	...	6,865	1,773	...	53,221	53,221	...	...	...
<b>Total Wide Bay ...</b>	<b>17,312,341</b>	<b>1,479,742</b>	<b>3,120</b>	<b>1,021,041</b>	<b>14,498,586</b>	<b>309,852</b>	<b>...</b>	<b>...</b>	<b>3,808</b>	<b>8</b>	<b>...</b>	<b>59,243</b>	<b>22,934</b>	<b>5,735,048</b>	<b>570,760</b>	<b>6,305,808</b>	<b>...</b>	<b>3,120</b>	<b>3,120</b>
<b>Port Curtis—</b>																			
Banana ...	27,512	13,762	...	13,750	...	...	...	...	26	...	...	174	60	...	4,295	4,295	...	...	...
Gladstone ...	1,308,102	105,322	...	67,076	1,123,548	12,156	...	...	232	1	...	4,976	2,485	573,187	30,507	603,694	...	...	...
Mount Morgan ...	7,239	904	...	647	1,488	4,200	...	...	3	...	...	57	83	...	444	444	...	...	...
Rockhampton ...	2,141,755	237,360	...	107,379	1,570,056	226,960	...	...	406	3	...	9,030	6,423	779,251	67,640	846,891	...	...	...
St. Lawrence ...	17,238	11,498	...	5,428	...	312	...	...	10	...	...	85	29	...	3,838	3,838	...	...	...
<b>Total Port Curtis</b>	<b>3,501,846</b>	<b>368,846</b>	<b>...</b>	<b>194,280</b>	<b>2,695,092</b>	<b>243,628</b>	<b>...</b>	<b>...</b>	<b>677</b>	<b>4</b>	<b>...</b>	<b>14,322</b>	<b>9,080</b>	<b>1,352,438</b>	<b>106,724</b>	<b>1,459,162</b>	<b>...</b>	<b>...</b>	<b>...</b>

Table No. X.—continued.

RETURN SHOWING the RESULTS of the DAIRYING INDUSTRY for the YEAR ended 31st DECEMBER, 1913—continued.

District.	Total Milk Obtained.	HOW UTILISED.							ESTABLISHMENTS.			DAIRY CATTLE.		BUTTER MADE.			CHEESE MADE.		
		For Butter on Farms.	For Cheese on Farms.	For Domestic Purposes by Producer.	Separated for Sale.	Sold for Consumption as Milk.	Sold to Condensed Milk Factories.	Sold to Cheese Factories.	Dairying.	Butter Factories.	Cheese Factories.	In Milk.	Dry.	At Factories.	By Farmers.	Total.	At Factories.	By Farmers.	Total.
	Gallons.	Gallons.	Gallons.	Gallons.	Gallons.	Gallons.	Gallons.	Gallons.	No.	No.	No.	No.	No.	Lb.	Lb.	Lb.	Lb.	Lb.	Lb.
<i>Downs—</i>																			
Allora ... ..	2,028,336	9,882	...	69,534	1,945,044	3,876	...	...	215	1	...	4,762	1,015	934,080	4,870	938,950	...	...	...
Clifton ... ..	3,087,687	121,327	51,400	119,184	1,618,564	1,200	...	1,176,012	439	1	3	6,307	1,769	564,972	50,112	615,084	1,030,087	50,400	1,080,487
Condamine ... ..	1,201,304	62,095	...	56,899	1,082,519	...	...	...	201	...	...	5,359	2,062	...	27,553	27,553	...	...	...
Dalby ... ..	3,116,417	200,897	1,120	219,548	2,669,291	25,561	...	...	699	2	...	11,385	4,005	425,018	77,171	502,189	...	1,120	1,120
Goombungee ... ..	904,061	22,300	...	37,350	765,931	1,460	...	77,020	167	1	2	2,721	631	551,040	11,150	562,190	224,685	...	224,685
Goondiwindi ... ..	103,329	15,222	...	13,785	63,210	11,112	...	...	77	...	...	621	491	...	7,538	7,538	...	...	...
Highfields ... ..	1,301,018	52,443	...	45,916	1,159,113	...	43,546	...	226	...	...	3,173	1,021	...	22,971	22,971	...	...	...
Inglewood ... ..	598,199	16,416	...	34,867	218,344	4,380	...	324,192	84	...	3	1,538	1,109	...	6,351	6,351	289,941	...	89,941
Jondaryan ... ..	1,350,617	46,340	...	6,222	961,836	365	...	...	237	1	...	3,880	1,457	172,374	21,870	194,244	150,354	...	150,354
Killarney ... ..	835,644	68,175	...	65,227	458,846	26,227	...	...	202	1	3	1,978	949	37,963	21,095	59,058	227,057	...	227,057
Oakey ... ..	3,046,199	93,389	...	127,905	2,635,909	7,595	151,326	...	386	2	...	6,061	1,805	1,036,554	35,551	1,072,105	...	...	...
Pittsworth ... ..	2,909,403	74,639	...	148,873	958,370	17,913	...	1,709,608	414	1	10	6,603	2,012	434,000	32,117	466,117	1,990,605	...	1,990,605
Stanthorpe ... ..	146,192	69,387	...	55,377	6,841	14,587	...	...	190	...	...	562	414	...	17,564	17,564	...	...	...
Texas ... ..	221,668	9,565	...	32,800	178,853	450	...	...	39	1	...	759	265	125,880	2,898	128,778	...	...	...
Toowoomba ... ..	2,789,927	139,572	...	175,393	1,100,579	194,906	400,000	779,477	526	1	4	6,193	1,571	2,953,714	56,779	3,010,493	745,151	...	745,151
Warwick ... ..	2,437,360	178,759	...	199,264	1,620,802	63,415	...	375,120	592	1	6	6,913	2,487	1,331,760	75,202	1,406,962	464,032	...	464,032
Total Downs ... ..	26,077,361	1,178,408	52,520	1,463,934	17,444,052	373,047	594,872	4,970,528	4,694	13	32	68,815	23,063	8,567,355	470,792	9,038,147	5,121,912	51,520	5,173,432
Other Districts ... ..	3,796,802	700,706	500	637,720	2,070,544	387,332	...	...	1,715	2	...	14,847	10,221	707,710	252,327	960,037	...	500	500
Grand Total, 1913 ... ..	90,545,516	5,392,839	138,964	5,384,888	68,189,202	4,178,758	2,131,382	5,129,483	17,866	47	36	285,403	106,036	33,122,143	2,077,244	35,199,387	5,261,882	133,168	5,395,050
Grand Total, 1912 ... ..	82,977,730	5,525,545	118,268	5,005,063	62,821,321	3,339,340	2,136,806	4,031,387	16,579	49	27	267,847	107,813	28,184,832	2,122,507	30,307,339	3,833,116	114,499	3,947,615
Increase, 1913 ... ..	7,567,786	...	20,696	379,825	5,367,881	839,418	...	1,098,096	1,287	...	9	17,556	...	4,937,311	...	4,892,048	1,428,766	18,669	1,447,435
Decrease, 1913 ... ..	...	132,706	...	...	...	...	5,424	...	...	2	...	...	1,777	...	45,263	...	...	...	...



Table No. XI.

RETURN showing the TOTAL EXTENT of LAND under CULTIVATION, and the AREA under each DESCRIPTION of CROP, in the several PETTY SESSIONS DISTRICTS of the STATE during the YEAR 1913.

DIVISIONS AND PETTY SESSIONS DISTRICTS.	Total Extent of Land under permanent Pasture with Artificially Sown Grasses.	Total Extent of Land under Cultivation.	Land in Fallow, Lying Idle, &c.	Total Extent of Land under Crop.	GRAIN CROPS.							POTATOES.		Pumpkins and Melons.	Cotton.	Sugar-cane.	Arrowroot.	Tobacco.	COFFEE.		Hay (All Kinds).	Green Fodder.	VINES.		Bananas.	Pineapples.	Oranges.	Gardens and Orchards.	Other Crops.
					Wheat.	Oats.	Barley.		Maize.	Rye.	Rice.	English.	Sweet.						Bearing.	Not Bearing.			Bearing.	Not Bearing.					
							Malting.	Other.																					
<i>Moreton Division.</i>	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	
Brisbane	1,097	6,335	1,160	5,175	...	...	...	...	329	...	...	165	165	312	...	...	4	...	...	...	258	1,410	297	23	530	821	32	288	541
South Brisbane	5	2,478	440	2,038	...	...	...	...	108	...	...	71	73	22	...	...	...	...	...	...	221	897	52	1	36	106	15	380	56
Beaudesert	861	6,475	1,174	5,301	...	...	...	...	2,702	...	...	128	25	174	...	...	...	...	...	...	949	1,299	2	...	1	...	9	3	9
Caboolture	1,766	1,250	454	796	...	...	...	...	294	...	...	102	39	11	...	...	...	...	...	...	10	174	2	...	21	43	63	27	10
Cleveland	...	1,539	304	1,235	...	...	...	...	4	...	...	5	7	6	...	...	...	...	...	...	3	53	6	...	282	535	26	161	147
Crow's Nest	2,040	11,541	1,527	10,014	839	28	135	218	4,434	...	...	407	4	245	...	...	...	...	...	...	840	2,770	6	1	...	...	16	66	5
Dugandan	205	15,851	1,962	13,889	10	4	...	3	7,682	...	...	322	48	329	...	...	...	...	...	...	2,082	3,256	5	1	24	2	10	25	86
Esk	289	9,116	1,873	7,243	...	3	...	...	2,417	...	...	213	100	141	...	...	...	...	...	...	1,445	2,829	4	...	...	...	37	20	32
Gatton	18	21,280	3,697	17,583	4	...	...	...	4,991	...	...	893	489	674	...	...	...	...	...	...	5,744	4,575	34	...	...	...	88	8	83
Goodna	170	341	...	341	...	...	...	...	141	...	...	16	2	8	...	...	...	...	...	...	56	101	7	...	...	...	8	...	2
Harrisville	203	13,016	3,574	9,442	...	...	...	...	3,092	...	...	76	82	299	...	...	...	...	...	...	3,019	2,787	3	...	5	...	13	42	24
Helidon	318	7,108	1,634	5,474	...	...	...	...	1,021	...	...	498	165	214	...	...	...	...	...	...	1,736	1,756	8	...	...	...	52	15	9
Ipswich	104	4,673	1,961	2,712	...	...	...	...	920	...	...	96	39	98	...	...	...	...	...	...	628	895	1	1	4	1	16	6	7
Laidley	561	17,860	2,006	15,854	14	...	...	5	7,520	...	...	770	181	489	...	...	...	...	...	...	5,046	1,552	16	...	...	...	28	82	149
Logan	40	5,843	530	5,313	...	...	...	...	1,301	...	2	661	214	6	...	1,465	69	...	...	...	118	618	25	...	358	194	127	80	75
Lowood	291	8,490	1,310	7,180	...	...	...	...	3,750	...	...	757	149	146	...	...	...	...	...	...	765	1,475	46	10	3	2	19	18	40
Marburg	45	8,148	712	7,436	...	...	...	...	2,842	2	...	222	113	407	...	...	...	...	...	...	361	2,843	17	...	2	3	8	56	67
Maroochy	36,521	6,867	661	6,206	...	...	...	...	1,015	...	...	46	23	6	...	1,641	6	...	84	3	24	187	2	...	1,461	725	749	212	22
Nerang	15,739	2,391	90	2,301	...	...	...	...	967	...	...	141	19	12	...	156	255	...	...	...	57	532	2	...	...	...	74	27	5
Redcliffe	3,781	4,566	1,275	3,291	...	...	...	...	972	...	...	242	243	40	...	...	...	...	...	...	321	937	10	1	54	41	23	54	36
Rosewood	10	7,602	674	6,928	2	...	...	...	2,755	...	...	101	38	209	...	55	2	...	...	...	846	2,848	58	...	...	...	...	...	14
Southport	15	1,012	484	528	...	...	...	...	108	...	...	16	...	7	...	320	...	...	...	...	17	50	...	...	...	...	...	10	...
Woodford	8,434	2,372	518	1,854	1	...	...	...	1,011	...	...	75	65	26	...	...	5	...	...	...	236	292	2	1	46	8	33	40	12
Total Moreton	72,513	166,154	28,020	138,134	870	35	135	226	50,376	2	2	6,023	2,283	3,881	4	4,102	370	...	84	4	24,782	34,136	605	39	3,197	2,481	1,446	1,620	1,431
<i>Wide Bay Division.</i>																													
Biggenden	9,422	5,863	816	5,047	...	...	13	...	3,542	...	...	70	22	45	...	539	...	...	...	...	422	354	1	...	6	1	5	7	29
Bundaberg	97	29,924	5,688	24,236	...	3	...	...	1,517	...	...	89	32	22	...	21,427	...	...	...	...	418	388	11	...	75	28	47	171	8
Childers	626	17,322	2,437	14,885	...	...	...	...	848	...	...	28	9	13	...	13,630	...	...	...	...	140	139	1	...	7	6	24	38	2
Eidsvold	244	861	72	789	...	...	...	...	521	...	...	15	14	76	...	...	...	...	...	...	133	20	2	...	...	...	6	2	...
Gayndah	5,988	9,606	2,513	7,093	3	...	...	...	5,385	...	...	69	43	130	...	5	...	...	...	...	864	487	1	1	...	...	30	13	62
Gin Gin	7	8,583	2,111	6,472	...	...	...	...	1,146	...	...	66	15	13	...	4,957	...	...	...	...	157	79	4	...	4	7	14	10	...
Gympie	46,876	6,176	1,344	4,832	...	...	...	...	2,786	...	...	127	36	55	...	294	2	...	...	...	794	300	28	...	228	9	31	111	31
Kilkivan	229	1,445	467	978	...	...	...	...	348	...	...	79	10	45	...	...	...	...	...	...	286	176	5	...	...	...	4	17	8
Maryborough	569	6,885	1,130	5,755	7	...	...	...	232	...	...	148	58	21	...	3,130	1	...	3	...	514	259	30	4	549	150	496	130	23
Mount Perry	...	255	76	179	...	...	...	...	68	...	...	2	11	...	...	...	...	...	...	...	3	14	...	...	...	...	7	4	70
Nanango	18,178	26,095	4,763	21,332	925	132	2	3	15,379	...	...	348	17	292	...	...	...	...	...	...	2,584	1,540	5	1	...	...	10	36	58
Tiaro	1,933	5,684	1,368	4,316	...	...	...	...	1,022	...	...	256	16	19	...	2,221	...	...	...	...	424	157	3	...	61	38	41	32	26
Wienholt	26,092	28,731	4,769	23,962	206	67	9	6	20,644	...	...	336	31	197	...	...	1	...	...	...	1,576	727	1	...	...	...	4	10	147
Total Wide Bay	110,261	147,430	27,554	119,876	1,141	202	24	9	53,438	...	...	1,633	314	928	...	46,194	4	...	3	...	8,315	4,640	92	6	930	239	719	581	464
<i>Port Curtis Division.</i>																													
Banana	1	125	69	56	...	...	...	...	31	...	...	...	25	30	...	...	...	...	...	...	10	...	...	...	...	...	2	9	4
Gladstone	1,088	2,910	938	1,977	...	4	...	...	927	...	...	130	...	...	...	458	...	...	...	...	137	114	2	...	47	17	43	27	16
Mount Morgan	50	159	24	135	...	...	...	...	25	...	...	3	3	...	...	...	...	...	...	...	57	6	1	...	...	...	2	27	11
Rockhampton	1,760	6,871	2,469	4,402	...	...	2	...	960	...	...	221	104	338	...	...	...	...	...	...	1,826	154	31	4	88	89	179	312	81
St. Lawrence	57	224	60	164	...	...	...	...	79	...	...	36	2	10	...	...	...	...	...	...	17	7	...	...	1	2	...	10	...
Total Port Curtis	2,956	10,289	3,555	6,734	...	4	2	...	2,022	...	...	400	134	378	...	458	...	...	3	...	2,047	281	34	4	136	108	226	385	112

Table No. XI.—continued.

DIVISIONS AND PETTY SESSIONS DISTRICTS.	Total Extent of Land under permanent Pasture with Artificially Sown Grasses.	Total Extent of Land under Cultivation.	Land in Fallow, Lying Idle, &c.	Total Extent of Land under Crop.	GRAIN CROPS.							POTATOES.		Pumpkins and Melons.	Cotton.	Sugar-cane.	Arrowroot.	Tobacco.	COFFEE.		Hay (All Kinds).	Green Fodder.	VINES.		Bananas.	Pineapples.	Oranges.	Gardens and Orchards.	Other Crops.		
					Wheat.	Oats.	Barley.		Maize.	Rye.	Rice.	English.	Sweet.						Bearing.	Not Bearing.			Bearing.	Not Bearing.							
							Malting.	Other.																							
<i>Edgumbe Division.</i>	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	
Ayr ... ..	...	27,706	13,713	13,993	...	...	...	...	145	...	...	111	21	2	...	13,449	...	...	...	...	1	155	...	...	...	89	...	13	7	...	
Bowen ... ..	...	1,821	355	1,466	...	...	...	...	117	...	...	186	11	175	...	66	...	34	...	...	...	46	...	...	...	12	23	283	38	475	
Cape River ... ..	...	90	8	82	...	...	...	...	2	...	...	2	1	3	...	...	...	...	...	...	...	...	...	...	...	...	25	42	...	5	
Chartres Towers ... ..	...	189	15	174	...	...	...	...	11	...	...	3	...	...	...	...	...	...	...	...	...	36	5	1	...	...	32	86	...	...	
MacKay ... ..	...	49,930	12,189	37,741	...	...	...	...	124	...	...	110	41	6	...	37,021	...	...	44	...	3	129	6	...	...	54	10	41	103	49	
Prosperpine ... ..	51	4,952	1,094	3,858	...	...	...	...	29	...	...	1	2	...	...	3,722	...	8	...	...	...	5	...	...	...	39	2	26	23	1	
Ravenswood ... ..	...	48	...	48	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	...	...	...	8	38	...	...
Townsville ... ..	...	1,183	107	1,076	...	...	...	...	28	...	...	358	9	47	...	328	...	6	...	...	...	4	...	...	...	176	12	5	71	32	
Total Edgumbe ...	51	85,919	27,481	58,438	...	...	...	...	456	...	...	771	85	233	...	54,586	...	48	44	...	4	375	15	1	...	370	47	433	408	562	
<i>Rockingham Division.</i>																															
Cairns ... ..	385	15,617	1,362	14,255	...	...	...	...	305	...	...	7	12	3	160	12,343	...	...	17	...	1	26	...	...	...	1,004	81	199	89	8	
Cardwell ... ..	...	704	103	601	...	...	...	...	20	...	...	3	16	...	...	...	...	3	...	...	...	...	...	...	...	343	9	171	8	28	
Chillagoe ... ..	...	189	10	179	...	...	...	...	44	...	...	4	15	4	...	...	...	...	...	...	...	...	...	...	...	9	1	4	84	14	
Herberton ... ..	12,132	15,355	292	15,063	...	...	...	...	14,510	...	2	58	41	44	...	...	...	...	3	...	150	67	2	2	...	21	1	30	110	22	
Ingham ... ..	...	20,472	5,602	14,870	...	...	...	...	94	...	...	25	12	...	...	14,596	...	...	...	...	...	54	...	...	...	5	2	24	54	4	
Mourilyan ... ..	24	14,383	2,141	12,242	...	...	...	...	8	...	...	...	2	1	...	10,735	...	...	6	...	...	119	...	...	...	1,214	20	47	90	...	
Total Rockingham ...	12,541	66,720	9,510	57,210	...	...	...	...	14,981	...	2	97	98	52	160	37,674	...	3	26	...	151	266	2	2	...	2,596	114	475	435	76	
<i>York Peninsula Division.</i>																															
Coen ... ..	...	47	...	47	...	...	...	...	19	...	...	...	9	4	...	...	...	...	...	...	...	...	...	...	...	6	3	...	1	5	
Cook ... ..	...	712	74	638	...	...	...	...	139	...	1	...	35	20	...	...	...	...	1	...	...	5	...	...	...	20	7	52	153	205	
Douglas ... ..	150	7,814	2,838	4,976	...	...	...	...	75	...	...	1	3	...	13	4,729	...	4	...	...	...	...	...	...	...	18	9	61	59	4	
Palmer ... ..	...	5	...	5	...	...	...	...	1	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	2	...	
Somerset ... ..	...	2,270	1,257	1,013	...	...	...	...	26	...	...	...	220	14	...	...	...	...	...	...	...	13	...	...	...	...	...	...	524	98	
Total York Peninsula	150	10,848	4,169	6,679	...	...	...	...	260	...	1	1	268	38	13	4,729	...	4	1	...	...	18	...	...	...	160	21	114	739	312	
<i>Carpentaria Division.</i>																															
Burke ... ..	...	23	4	19	...	...	...	...	...	...	...	2	3	2	...	...	...	...	...	...	...	...	...	...	...	2	1	2	5	2	
Cloncurry ... ..	...	48	9	39	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	39	...	
Croydon ... ..	...	117	12	105	...	...	...	...	3	...	...	...	11	11	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Etheridge ... ..	...	586	248	338	...	...	...	...	213	...	...	...	5	5	...	...	...	...	...	...	55	2	...	...	...	9	3	4	51	11	
Hughenden ... ..	...	87	...	87	...	...	...	...	...	...	...	1	...	7	...	...	...	...	...	...	...	...	2	...	...	...	...	...	57	1	
Norman ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	13	60	4
Richmond ... ..	...	40	...	40	...	...	...	...	...	...	...	...	4	2	...	...	...	...	...	...	1	...	1	...	...	...	...	...	...	30	2
Total Carpentaria ...	...	901	273	628	...	...	...	...	216	...	...	5	23	27	...	...	...	...	...	...	56	2	3	...	...	11	4	19	242	20	
<i>Central-western Division.</i>																															
Boulia ... ..	...	11	...	11	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	11	...
Camooowal ... ..	...	13	...	13	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	13	...
Diamantina ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Isisford ... ..	...	11	...	11	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jundah ... ..	...	4	...	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	11	...
Windsorah ... ..	...	8	...	8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4	...
Winton ... ..	...	37	4	33	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	8	...
Total Central-western	...	84	4	80	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	3	69	7	



Table No. XI.—continued.

DIVISIONS AND PETTY SESSIONS DISTRICTS.	Total Extent of Land under permanent Pasture with Artificially Sown Grasses.	Total Extent of Land under Cultivation.	Land in Fallow, Lying Idle, &c.	Total Extent of Land under Crop.	GRAIN CROPS.						POTATOES.				COFFEE.		VINES.													
					Wheat.	Oats.	Barley. Malting. Other.	Maize.	Rye.	Rice.	English. Sweet.	Pumpkins and Melons. Cotton. Sugar-cane.	Arrowroot. Tobacco.	Bearing. Not Bearing.	Hay (All Kinds). Green Fodder.	Bearing. Not Bearing.	Bananas. Pineapples.	Oranges. Gardens and Orchards.	Other Crops.											
<i>South-western Division.</i>	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.
Adavale ...	...	5	...	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Aurathella ...	...	7	...	7	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Bollon ...	...	9	...	9	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Charleville ...	...	26	...	26	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cunnamulla ...	...	167	...	157	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Entlo ...	...	3	...	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Hungerford ...	...	430	...	430	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
St. George ...	...	189	...	29	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Thargomindah ...	...	19	...	12	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Total South-western	...	865	...	486	...	379	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
<i>Central Division.</i>	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Alpha ...	...	6	...	2	...	6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Aranac ...	...	7	...	...	...	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Barraldine ...	...	33	...	...	...	33	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Blackall ...	...	9	...	20	...	9	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Clermont ...	...	352	...	12	...	332	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Emerald ...	...	228	...	...	...	216	...	45	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Longreach ...	...	18	...	...	...	18	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Mulbahra ...	...	10	...	...	...	10	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Mulbahra Springsure	...	540	...	123	...	417	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Pambo ...	...	12	...	...	...	12	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Taroom ...	...	138	...	49	...	89	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Total Central	...	1,353	...	206	...	1,147	...	45	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
<i>Maranoa Division.</i>	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Mitchell ...	...	3,051	...	1,080	...	1,971	...	1,545	...	45	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Roma ...	...	22,847	...	9,302	...	13,545	...	9,876	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Surat ...	...	35	...	170	...	35	...	142	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Yealba ...	...	421	...	...	...	291	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Total Maranoa	...	26,354	...	10,552	...	15,802	...	11,567	...	45	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
<i>Dooms Division.</i>	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Allora ...	...	118	...	3,277	...	36,341	...	14,387	...	66	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Clifton ...	...	2,876	...	8,247	...	58,289	...	22,030	...	748	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Condamine ...	...	482	...	1,707	...	2,112	...	118	...	33	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Daly ...	...	20,517	...	31,151	...	22,645	...	11,382	...	111	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...</

Table No. XII.

RETURN showing the GROSS PRODUCE of PRINCIPAL CROPS Raised in the several PETTY SESSIONS DISTRICTS of the STATE during the YEAR ended 31st DECEMBER, 1913.

DIVISIONS AND PETTY SESSIONS DISTRICTS.	QUANTITY OF PRODUCE.																				
	GRAIN CROPS.							POTATOES.		Pumpkins and Melons.	Cotton.	SUGAR-CANE.		Arrowroot (Tubers).	Tobacco (Cured Leaf).	Coffee.	Hay (All Kinds).	VINES.	Bananas.	Pineapples.	Oranges.
	Wheat.	Oats.	Barley.		Maize.	Rye.	Rice.	English.	Sweet.			Area Crushed.	Weight Obtained.					Grapes Gathered.			
			Malting.	Other.																	
<i>Moreton Division.</i>	Bushels.	Bushels.	Bushels.	Bushels.	Bushels.	Bushels.	Bushels.	Tons.	Tons.	Tons.	Lb.	Acres.	Tons.	Tons.	Lb.	Lb.	Tons.	Lb.	Bunches.	Dozens.	Bushels.
Brisbane } Metro-	...	...	...	...	10,070	...	...	321	923	1,185	...	...	...	31	...	...	729	592,924	112,699	323,509	3,414
S. Brisbane } politan	...	...	...	...	2,980	...	...	133	686	99	...	...	...	...	...	...	468	148,296	3,622	19,182	3,671
Beaudesert	...	...	...	...	69,060	...	...	253	163	653	...	...	...	...	...	...	2,571	4,100	100	...	792
Caboolture	...	...	...	...	8,686	...	...	252	210	29	...	...	...	...	...	...	27	9,030	3,063	9,048	10,269
Cleveland	...	...	...	...	90	...	...	15	50	48	...	...	...	...	...	...	3	15,772	45,678	123,996	6,665
Crow's Nest	15,715	691	2,649	5,392	99,349	...	...	733	13	713	...	...	...	...	...	...	1,443	33,533	...	...	1,688
Dugandan	207	64	...	45	147,070	...	...	627	175	1,468	...	...	...	...	...	...	4,222	17,600	2,520	360	646
Esk	...	60	...	...	64,322	...	...	380	581	836	600	...	...	...	...	...	4,591	23,797	...	...	5,890
Gatton	30	...	...	...	84,691	...	...	837	1,713	1,481	...	...	...	...	...	...	9,176	22,130	...	...	14,284
Goodna	...	...	...	...	2,674	...	...	30	14	25	...	...	...	...	...	...	129	6,275	...	...	410
Harrisville	...	...	...	...	54,435	...	...	94	255	1,047	...	...	...	...	...	...	4,835	11,551	1	...	845
Helidon	...	...	...	...	19,708	...	...	582	794	797	...	...	...	...	...	...	3,299	38,200	...	...	6,952
Ipswich	...	...	...	...	19,437	...	...	154	153	322	...	...	...	...	...	...	1,424	3,410	1,000	210	739
Laidley	75	...	...	50	142,730	...	...	830	673	1,244	600	...	...	...	...	...	9,502	35,742	...	...	2,226
Logan	...	...	...	...	34,369	...	54	1,162	996	20	...	968	18,759	879	...	...	464	87,977	61,369	68,011	16,211
Lowood	...	...	...	...	72,523	...	...	757	721	594	...	...	...	...	...	...	1,181	360,614	30	625	677
Marburg	...	...	...	...	60,063	25	...	319	640	1,581	...	357	5,110	159	...	...	971	31,885	185	270	487
Maroochy	...	...	...	...	31,978	...	...	111	132	37	...	1,062	25,182	120	...	27,652	60	11,710	240,896	121,309	90,020
Nerang	...	...	...	...	28,170	...	...	338	75	80	...	72	1,760	3,499	...	...	153	4,082	1,560	...	14,783
Redcliffe	...	...	...	...	26,877	...	...	526	1,728	150	...	...	...	3	...	...	834	44,797	49,094	7,399	4,427
Rosewood	30	...	...	...	46,709	...	...	160	156	403	...	48	709	12	...	...	1,392	49,940	...	...	...
Southport	...	...	...	...	2,978	...	...	35	...	13	...	118	2,593	...	...	...	42	...	...	...	...
Woodford	18	...	...	...	32,413	...	...	165	526	147	...	...	...	91	...	...	557	3,860	9,180	494	5,045
Total Moreton	16,075	815	2,649	5,487	1,061,382	25	54	8,814	11,377	12,972	1,200	2,625	54,113	4,794	...	27,652	48,073	1,557,225	531,087	674,413	190,141
<i>Wide Bay Division.</i>																					
Biggenden	...	...	83	...	92,702	...	...	135	84	160	...	332	5,603	...	...	...	932	2,920	434	104	747
Bundaberg	...	46	...	...	30,092	...	...	202	110	56	...	17,535	375,935	...	...	...	1,552	18,420	6,282	3,955	6,990
Childers	...	...	...	...	16,924	...	...	73	37	52	...	11,038	283,601	...	...	...	322	1,535	1,635	440	3,954
Eidsvold	...	...	...	...	11,019	...	...	25	56	117	...	...	...	...	...	...	240	11,700	...	...	732
Gayndah	63	...	...	...	142,623	...	...	80	237	634	...	5	40	...	...	...	1,187	5,610	...	...	2,919
Gin Gin	...	...	...	...	23,889	...	...	156	49	47	...	4,153	62,095	...	...	...	435	10,771	290	617	1,730
Gympie	...	...	...	...	82,134	...	...	274	192	238	...	170	3,353	22	...	...	1,459	73,802	38,066	418	13,013
Kilkivan	...	...	...	...	9,005	...	...	159	26	141	...	...	...	...	...	...	566	10,485	...	...	255
Maryborough	200	...	...	...	5,057	...	...	248	193	111	...	2,272	41,957	3	...	3,400	1,165	62,901	52,526	26,933	40,252
Mount Perry	...	...	...	...	1,430	...	...	4	45	...	...	...	...	...	...	...	10	...	...	...	1,197
Nanango	12,750	2,827	20	54	442,942	...	...	379	75	875	...	...	...	...	...	...	4,309	24,255	...	...	1,184
Tiaro	...	...	...	...	34,408	...	...	531	79	79	...	1,589	32,176	...	...	...	984	6,486	5,680	4,756	4,065
Wienholt	2,549	1,140	60	78	672,403	...	...	523	122	645	...	...	...	10	...	...	2,357	5,710	...	...	179
Total Wide Bay	15,562	4,013	163	132	1,564,628	...	...	2,789	1,305	3,155	...	37,094	804,760	35	...	3,400	15,518	234,595	104,913	37,223	77,217
<i>Port Curtis Division.</i>																					
Banana	...	...	...	...	684	...	...	...	...	...	...	...	...	...	...	...	10	...	...	...	82
Gladstone	...	200	...	...	21,840	...	...	275	72	95	...	309	5,704	...	...	...	627	5,129	6,880	1,805	5,071
Mount Morgan	...	...	...	...	900	...	...	8	9	...	...	...	...	...	...	...	133	1,226	...	...	87
Rockhampton	...	...	10	...	21,779	...	...	449	507	784	...	...	...	...	...	1,236	3,725	92,164	12,872	13,027	17,625
St. Lawrence	...	...	...	...	2,106	...	...	59	9	21	...	...	...	...	...	...	29	...	300	183	...
Total Port Curtis	...	200	10	...	47,309	...	...	791	597	900	...	309	5,704	...	...	1,236	4,524	98,519	20,052	15,015	22,865



Table No. XII.—continued.

DIVISIONS AND PETTY SESSIONS DISTRICTS.	QUANTITY OF PRODUCE.																				
	GRAIN CROPS.							POTATOES.		Pumpkins and Melons.	Cotton.	SUGAR-CANE.		Arrowroot (Tubers).	Tobacco (Cured Leaf).	Coffee.	Hay (All Kinds).	VINES.	Bananas.	Pineapples.	Oranges.
	Wheat.	Oats.	Barley.		Maize.	Rye.	Rice.	English.	Sweet.			Grapes Gathered.									
			Malting.	Other.																	
	Bushels.	Bushels.	Bushels.	Bushels.	Bushels.	Bushels.	Bushels.	Tons.	Tons.	Tons.	Lb.	Acres.	Tons.	Tons.	Lb.	Lb.	Tons.	Lb.	Bunches.	Dozens.	Bushels.
<i>Edgecumbe Division.</i>																					
Ayr ... ..	...	...	...	...	2,410	...	...	277	58	9	...	7,621	200,161	...	...	...	4	...	12,120	...	818
Bowen ... ..	...	...	...	...	2,009	...	...	433	18	345	...	16	274	...	31,492	...	...	...	711	1,740	14,581
Cape River ... ..	...	...	...	...	160	...	...	8	4	12	...	...	...	...	...	...	...	...	...	...	3,000
Charters Towers ... ..	...	...	...	...	460	...	...	19	...	...	...	...	...	...	...	...	...	...	...	...	9,616
Mackay ... ..	...	...	...	...	2,140	...	...	221	161	11	...	25,320	498,888	...	...	130,219	5	5,308	8,029	954	4,949
Proserpine ... ..	...	...	...	...	1,578	...	...	2	4	...	...	2,969	55,694	...	5,054	...	...	...	6,682	107	1,457
Ravenswood ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2,480	...	427
Townsville ... ..	...	...	...	...	378	...	...	1,306	35	96	...	90	5,385	...	3,490	...	...	...	44,881	2,370	611
Total Edgecumbe ...	...	...	...	...	9,135	...	...	2,266	280	473	...	36,016	760,402	...	40,036	130,219	9	42,126	72,423	5,171	35,459
<i>Rockingham Division.</i>																					
Cairns ... ..	...	...	...	...	9,306	...	...	14	42	10	28,610	7,693	149,440	...	...	785	1	...	107,973	7,710	18,200
Cardwell ... ..	...	...	...	...	520	...	...	7	72	...	...	...	...	...	301	...	...	...	44,654	287	4,910
Chillagoe ... ..	...	...	...	...	530	...	...	7	55	8	...	...	...	...	...	...	...	...	717	105	168
Herberton ... ..	...	...	...	...	574,736	...	51	104	145	58	...	...	...	...	...	8,842	258	8,314	6,477	110	2,285
Ingham ... ..	...	...	...	...	924	...	...	35	50	...	...	8,510	157,365	...	...	...	...	...	552	499	2,977
Mourilyan ... ..	...	...	...	...	300	...	...	...	5	1	...	7,321	112,449	...	...	6,880	...	...	131,029	1,010	1,527
Total Rockingham ...	...	...	...	...	586,316	...	51	167	369	77	28,610	23,524	419,254	...	301	19,507	259	8,314	291,402	9,721	30,067
<i>York Peninsula Division.</i>																					
Ooen ... ..	...	...	...	...	618	...	...	...	33	6	...	...	...	...	...	...	...	...	2,050	110	...
Cook ... ..	...	...	...	...	3,782	...	13	...	93	61	...	...	...	...	...	209	...	...	6,935	858	2,899
Douglas ... ..	...	...	...	...	1,322	...	...	2	6	...	1,720	3,235	41,355	...	1,597	...	...	...	1,790	1,073	950
Palmer ... ..	...	...	...	...	40	...	...	...	2	...	...	...	...	...	...	...	...	...	...	...	1,010
Somerset ... ..	...	...	...	...	410	...	...	...	268	25	...	...	...	...	...	...	...	...	6,230	110	...
Total York Peninsula...	...	...	...	...	6,172	...	13	2	402	92	1,720	3,235	41,355	...	1,597	209	...	...	17,005	2,151	4,859
<i>Carpentaria Division.</i>																					
Burke ... ..	...	...	...	...	...	...	...	3	6	3	...	...	...	...	...	...	...	...	94	28	99
Cloncurry ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Croydon ... ..	...	...	...	...	59	...	...	3	13	11	...	...	...	...	...	...	...	...	960	1,184	310
Etheridge ... ..	...	...	...	...	3,848	...	...	...	14	20	...	...	...	...	...	...	56	...	...	...	...
Hughenden ... ..	...	...	...	...	...	...	...	1	...	6	...	...	...	...	...	...	...	2,700	...	...	1,800
Norman ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Richmond ... ..	...	...	...	...	...	...	...	...	6	1	...	...	...	...	...	...	4	600	...	...	...
Total Carpentaria ...	...	...	...	...	3,907	...	...	7	39	41	...	...	...	...	...	...	60	3,300	1,054	1,212	2,209
<i>Central-western Division.</i>																					
Boulia ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cameroowal ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Diamantina ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Isisford ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jundah ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Windorah ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Winton ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2,460	...	165
Total Central-western...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2,460	...	...	165

Table No. XII.—continued.

DIVISIONS AND PETTY SESSIONS DISTRICTS.	QUANTITY OF PRODUCE.																				
	GRAIN CROPS.							POTATOES.		Pumpkins and Melons.	Cotton.	SUGAR-CANE.		Arrowroot (Tubers)	Tobacco (Cured Leaf).	Coffee.	Hay (All Kinds).	VINES.	Pineapples.	Oranges	
	Wheat.	Oats.	Barley.		Maize.	Rye.	Rice.	English.	Sweet.			Area Crushed.	Weight Obtained.					Grapes Gathered.			Bananas.
			Malting.	Other.																	
	Bushels.	Bushels.	Bushels.	Bushels.	Bushels.	Bushels.	Bushels.	Tons.	Tons.	Tons.	Lb.	Acres.	Tons.	Tons.	Lb.	Lb.	Tons.	Lb.	Bunches.	Dozens.	Bushels.
<i>South-western Division.</i>																					
Adavale ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Augathella ... ..	...	...	...	...	...	...	...	3	1	3	...	...	...	...	...	...	...	...	...	...	...
Bollon ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Charleville ... ..	...	...	...	...	...	...	...	2	...	...	...	...	...	...	...	...	...	8,225	...	...	120
Cunnamulla ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	143	...	...	...	...
Eulo ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Hungerford ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
St. George ... ..	...	...	...	...	...	...	...	6	...	24	...	...	...	...	...	...	66	9,845	...	...	98
Thargomindah ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Total South-western	...	...	...	...	...	...	...	11	1	27	...	...	...	...	...	...	209	18,070	...	...	218
<i>Central Division.</i>																					
Alpha ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	9,615	...	...	197
Aramac ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Barcaldine ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Blackall ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Clermont ... ..	...	...	...	...	406	...	...	9	8	22	200	...	...	...	...	...	222	2,005	...	...	873
Emerald ... ..	600	...	...	...	148	...	...	21	4	63	...	...	...	...	...	...	117	6,110	...	...	777
Longreach ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Muttaborra ... ..	...	...	...	...	...	...	...	9	2	2	...	...	...	...	...	...	...	...	...	...	110
Springure ... ..	...	...	...	...	100	...	...	...	...	59	...	...	...	...	...	...	502	...	...	...	175
Tambo ... ..	...	...	...	...	...	...	...	8	2	5	...	...	...	...	...	...	...	...	...	...	806
Taroom ... ..	...	...	...	...	342	...	...	2	...	...	...	...	...	...	...	...	38	1,337	...	...	...
Total Central-western	600	...	...	...	996	...	...	49	16	154	200	...	...	...	...	...	879	19,067	...	...	2,938
<i>Maranoa Division.</i>																					
Mitchell ... ..	10,749	480	...	...	36	...	...	...	...	45	...	...	...	...	...	...	152	10,349	...	...	...
Roma ... ..	73,453	...	...	...	3,546	...	...	12	9	154	...	...	...	...	...	...	1,101	1,445,836	...	...	1,760
Surat ... ..	16	...	...	...	200	...	...	...	...	...	...	...	...	...	...	...	13	...	...	...	...
Yeulba ... ..	504	...	...	...	20	...	...	...	...	...	...	...	...	...	...	...	13	8,120	...	...	...
Total Maranoa	84,722	480	...	...	3,802	...	...	12	9	199	...	...	...	...	...	...	1,279	1,464,305	...	...	1,760
<i>Downs Division.</i>																					
Allora ... ..	225,233	1,208	7,173	351	103,613	30	...	56	...	...	...	...	...	...	...	...	1,473	1,120	...	...	1,500
Clifton ... ..	291,024	10,360	25,410	324	117,685	60	...	13	...	119	...	...	...	...	...	...	5,418	21,445	...	...	48
Condamine ... ..	805	168	156	...	4,372	...	...	5	...	87	2,240	...	...	...	...	...	524	5,456	...	...	670
Dalby ... ..	116,674	1,112	3,878	951	24,087	...	...	24	18	278	...	...	...	...	...	...	2,382	44,266	...	...	488
Goombungee ... ..	31,939	1,170	740	1,285	14,528	251	...	77	...	...	...	...	...	...	395	...	292	25,606	...	...	48
Goondiwindi ... ..	14,454	...	...	...	450	...	...	5	...	125	...	...	...	...	...	...	848	6,988	...	...	371
Highfields ... ..	9,112	1,548	3,771	459	31,503	88	...	164	...	43	...	...	...	...	...	...	527	21,637	...	...	918
Inglewood ... ..	18,379	997	1,192	...	3,629	...	...	2	...	361	1,260	...	...	...	...	...	417	7,320	...	...	...
Jondaryan ... ..	29,891	2,115	536	540	10,628	...	...	19	2	95	...	...	...	...	...	...	644	18,502	...	...	139
Killarney ... ..	215,773	2,675	2,803	4,865	85,407	...	...	195	...	27	...	...	...	...	...	...	3,282	9,180	...	...	102
Oakey ... ..	94,658	7,467	5,900	474	20,444	148	...	227	...	57	...	...	...	...	...	...	3,285	31,446	...	...	101
Pittsworth ... ..	189,326	4,914	12,829	8,818	25,531	143	...	26	...	250	...	...	...	...	...	...	3,296	9,775	...	...	59
Stanthorpe ... ..	...	...	...	...	1,603	10	...	558	...	125	...	...	...	...	...	...	251	119,456	...	...	...
Texas ... ..	1,192	...	...	...	1,379	...	...	...	...	175	...	...	...	...	...	...	639	320	...	...	...
Toowoomba ... ..	39,649	5,847	3,036	2,788	44,686	196	...	52	...	68	...	...	...	...	...	...	4,292	154,252	...	...	3,100
Warwick ... ..	374,364	11,147	7,692	11,563	142,184	...	...	217	10	308	...	...	...	...	...	...	5,555	167,781	...	...	102
Total Downs	1,652,473	50,728	75,116	32,418	631,729	926	...	1,640	30	2,118	3,500	...	...	...	528,337	...	23,125	644,550	...	...	7,646
Grand Total, 1913	1,769,432	56,236	77,938	38,037	3,915,376	951	118	16,548	14,425	20,208	35,230	102,803	2,085,588	4,829	570,271	182,223	103,935	4,092,531	1,037,936	744,906	375,544
" 1912	1,375,505	82,420	113,521	33,326	2,524,371	1,613	27	16,386	10,913	17,645	150,414	78,142	994,212	3,717	241,969	131,928	119,867	3,317,364	1,139,404	679,646	319,544
Increase, 1913	...	...	...	4,711	1,391,005	...	91	162	3,512	2,563	...	...	...	...	...	...	...	775,167	...	65,260	56,000
Decrease, 1913	206,073	26,184	35,583	...	...	662	...	...	...	...	115,184	24,661	1,091,376	1,112	328,302	50,295	15,932	...	101,468	...	...



Table No. XIII.

SHOWING the TOTAL EXTENT of LAND under CULTIVATION and the AREA under each DESCRIPTION of CROP in QUEENSLAND—RETURN for TEN YEARS.

Year.	Total Extent of Land under Cultivation.	Land in Fallow Lying Idle, &c.	Total Extent of Land under Crop.	AREA UNDER EACH DESCRIPTION OF CROP.																																					
				GRAIN CROPS.										POTATOES.		Pumpkins and Melons.	SUGAR-CANE.			Tobacco	COFFEE.		Hay (all Kinds).	Lucerne and Green Forage.	VINES.			Bananas.	Pineapples.	ORANGES.		MANGOES.		Strawberries.	APPLES.		Other Crops.	Market Gardens.	Other Gardens and Orchards.		
				Wheat.	Oats.	Barley.		Maize.	Rye.	Rice.	English.	Sweet.	Area Crushed.	Total Area.	Arrowroot.		Bearing.	Total Area.	Bearing.		Total Area.	Bearing.			Total Area.	Bearing.	Total Area.			Bearing.	Total Area.	Bearing.	Total Area.		Bearing.	Total Area.				Bearing.	Total Area.
						Malt-ing.	Other.																																		
Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.					
1904	577,896	38,680	539,216	150,958	643	15,382	2,005	119,171	151	60	9,771	2,983	8,991	30	82,741	120,317	437	784	292	342	48,740	35,861	1,647	2,194	6,680	1,781	1,790	3,106	292	382	161	280	516	2,415	2,099	3,256					
1905	622,987	100,239	522,748	119,356	533	4,670	531	113,720	60	33	7,170	3,229	10,606	171	96,093	134,107	393	933	255	279	37,425	66,183	1,717	2,044	6,198	1,845	1,850	3,078	295	374	173	282	537	3,826	2,089	3,185					
1906	598,777	39,024	559,753	114,575	1,236	6,696	1,905	139,806	122	24	8,031	3,276	12,528	138	98,194	133,284	393	666	21	256	64,498	50,513	1,788	2,070	5,163	1,926	1,950	3,190	252	344	161	334	602	3,534	1,953	2,863					
1907	642,979	110,355	532,624	82,461	715	5,846	1,097	127,119	91	14	7,889	2,770	9,645	300	94,384	126,810	276	459	260	304	54,037	91,444	1,856	1,973	4,975	2,230	2,019	3,168	308	386	171	357	626	2,612	2,365	2,841					
1908	650,472	114,572	535,900	80,898	1,797	5,411	1,974	127,655	32	7	6,227	2,720	9,581	540	92,219	123,902	246	669	285	323	65,004	87,675	1,554	1,616	4,647	2,171	2,072	3,121	279	351	157	390	616	2,644	2,875	3,041					
1909	738,447	131,657	606,790	117,160	2,789	7,439	5,670	132,313	171	...	7,708	2,998	4,856	509	80,095	128,178	241	594	194	235	72,298	100,493	1,617	1,695	4,994	2,161	2,131	3,298	299	363	150	494	813	3,406	2,677	3,581					
1910	794,826	127,713	667,113	106,718	2,537	3,222	2,356	180,862	105	2	8,326	3,661	4,160	460	94,641	141,779	366	655	175	200	98,558	89,667	1,528	1,634	5,198	2,170	2,291	3,401	250	332	144	503	934	4,375	2,317	2,974					
1911	779,800	253,412	526,388	42,962	557	1,216	418	153,916	19	15	7,688	3,312	5,421	605	95,766	130,376	369	592	182	198	61,299	93,049	1,292	1,371	6,456	2,414	2,361	3,447	309	366	121	587	1,236	3,895	2,293	2,777					
1912	844,420	175,337	668,483	124,963	4,232	7,400	2,047	117,993	103	1	8,822	2,853	6,122	441	78,142	141,652	363	692	187	196	87,643	135,354	1,325	1,428	7,037	2,584	2,396	3,564	306	371	107	627	1,345	5,236	2,386	3,548					
1913	920,010	172,196	747,814	132,655	4,093	6,274	2,552	156,775	91	5	10,085	3,224	6,556	214	102,803	147,743	374	731	161	165	76,469	171,290	1,449	1,537	7,400	3,014	2,407	3,590	353	404	96	835	1,608	4,298	2,611	3,960					

Table No. XIV.

SHOWING the GROSS PRODUCE of PRINCIPAL CROPS Raised in QUEENSLAND—RETURN for TEN YEARS.

Year.	QUANTITY OF PRODUCE.																														
	GRAIN CROPS.										POTATOES.		Pumpkins and Melons.	Cotton Unginned.	SUGAR-CANE.		Arrowroot (Tubers).	Tobacco (Cured Leaf).	Coffee.	Hay (all Kinds).	Ensilage.	VINES.		Bananas.	Pineapples.	Oranges.	Mangoes.	Strawberries.	Apples.	Market Gardens.	* Other Gardens and Orchards.
	Wheat.	Oats.	Barley.		Maize.	Rye.	Rice.	English.	Sweet.	Weight of Cane.					Sugar made.	Grapes.						Wine.									
			Malt-ing.	Other.																											
	Bshls.	Bshls.	Bshls.	Bshls.	Bshls.	Bshls.	Bshls.	Tons.	Tons.	Tons.	Lb.	Tons.	Tons.	Tons.	Lb.	Lb.	Tons.	Tons.	Lb.	Gallons.	Bunches.	Dozens.	Dozens.	Dozens.	Quarts.	Bushels.	£	£			
1904	2,149,663	15,137	296,446	35,326	2,542,766	1,729	1,638	19,231	14,026	30,970	25,832	1,326,989	147,688	4,094	798,000	132,554	80,662	1,735	3,087,835	60,433	1,976,806	453,799	2,819,669	861,592	187,526	19,162	36,330	...			
1905	1,137,321	5,858	53,324	8,492	2,164,674	562	885	11,308	14,974	37,079	113,008	1,415,745	152,722	4,446	1,145,760	82,230	56,829	1,199	3,017,743	66,926	2,509,268	506,883	2,335,947	910,748	138,228	17,362	37,572	...			
1906	1,108,902	28,884	115,902	42,381	3,703,374	2,781	772	15,830	15,371	54,419	77,381	1,728,780	184,377	4,241	722,848	107,445	94,343	3,201	3,572,570	65,016	1,343,033	601,969	3,199,201	541,840	227,973	21,566	38,971	...			
1907	693,527	9,900	57,578	7,303	3,093,789	763	343	13,177	15,888	31,315	109,294	1,665,028	188,307	3,013	273,504	112,453	77,601	2,949	4,142,704	90,191	1,502,636	618,473	514,751	201,741	221,325	24,132	45,057	34,310			
1908	1,202,799	38,811	99,091	38,576	2,767,600	538	270	11,550	12,971	33,925	117,521	1,433,315	151,098	2,820	603,568	116,293	92,947	4,654	4,239,980	77,698	1,651,163	598,794	440,312	99,295	338,903	31,121	55,406	34,314			
1909	1,571,589	50,018	103,575	90,011	2,508,761	2,457	...	13,544	13,032	13,919	129,245	1,163,569	134,584	1,555	449,761	89,070	96,854	4,517	4,879,990	91,410	1,396,567	712,474	396,599	91,822	230,096	29,662	61,084	39,580			
1910	1,022,373	50,469	52,606	31,015	4,460,306	1,698	22	15,632	20,244	15,402	151,438	1,840,447	210,756	4,275	849,146	151,050	151,252	5,804	4,135,539	74,306	1,121,075	823,183	435,782	66,330	208,342	25,410	60,280	32,064			
1911	285,109	5,783	11,160	4,209	3,637,562	184	402	13,087	17,040	16,555	186,894	1,534,451	173,296	3,212	476,532	80,871	94,553	4,379	2,973,526	57,358	1,151,516	769,926	474,025	143,269	137,106	40,900	59,547	30,771			
1912	1,975,505	82,420	113,521	33,326	2,524,371	1,613	27	16,386	10,913	17,645	150,414	994,212	113,060	3,717	241,969	131,928	119,867	4,156	3,317,364	54,627	1,139,404	879,646	319,544	111,852	163,786	15,904	64,265	39,691			
1913	1,769,432	56,236	77,938	38,037	3,915,376	951	118	16,548	14,425	20,208	35,230	2,085,588	242,837	4,829	570,271	182,223	103,935	4,273	4,092,531	58,897	1,037,936	744,906	375,544	156,349	152,608	49,423	66,841	48,801			

\* Not specially returned in earlier years.

† Including 75 tons crushed in New South Wales.

Table No. XV

AVERAGE PRODUCE PER ACRE OF PRINCIPAL CROPS IN QUEENSLAND—RETURN FOR TEN YEARS.

Year.	GRAIN CROPS.							POTATOES.		SUGAR.																
	Wheat.	Oats.	Barley.		Maize.	Rye.	Rice.	English.	Sweet.	Pumpkins & Melons.	Cotton Unginned.	Tons of Cane per Acre Crushed.	Tons of Sugar per Acre Crushed.	Arrowroot (Tubers).	Tobacco (Cured Leaf).	Coffee.	Hay (all Kinds).	Grapes.	Bananas.	Pineapples.	Oranges.	Mangoes.	Strawberries.	Apples.	Market Gardens.	* Gardens and Orchards.
1904 ...	Bushels. 14-24	Bushels. 23-54	Bushels. 19-27	Bushels. 17-62	Bushels. 21-34	Bushels. 11-45	Bushels. 27-30	Tons. 1-97	Tons. 4-70	Tons. 3-44	Lb. 861	Tons. 16-04	Tons. 1-78	Tons. 9-37	Lb. 1,018	Lb. 454	Tons. 1-65	Lb. 1,875	Bunches. 296	Doz. 255	Doz. 1,575	Doz. 2,951	Quarts. 1,165	Bushels 68	£ 17	£ ...
1905 ...	9-53	10-99	11-42	15-99	19-03	9-37	26-82	1-58	4-64	3-50	661	14-73	1-59	11-31	1,228	350	1-52	1,758	405	275	1,263	3,087	799	62	18	...
1906 ...	9-68	23-37	17-31	22-25	26-49	22-80	32-17	1-97	4-69	4-34	561	17-61	1-88	10-79	1,085	497	1-46	1,998	260	313	1,641	2,150	1,416	65	20	...
1907 ...	8-41	13-85	9-85	6-66	24-34	8-38	24-50	1-67	5-74	3-25	364	17-64	2-00	10-92	596	433	1-44	2,232	302	277	Bushels. 255	Bushels. 655	1,294	68	19	12
1908 ...	14-87	21-60	18-31	19-54	21-68	16-81	38-57	1-85	4-77	3-54	218	15-54	1-64	11-46	902	408	1-43	2,728	355	276	213	356	2,159	80	19	11
1909 ...	13-41	17-93	13-92	15-87	18-96	14-37	...	1-76	4-35	2-87	254	14-53	1-68	6-45	757	459	1-34	3,018	280	330	186	307	1,534	60	23	11
1910 ...	9-58	19-89	16-33	13-16	24-66	16-17	11-00	1-88	5-53	3-70	329	19-45	2-20	11-68	1,296	863	1-53	2,707	216	379	190	265	1,447	50	26	11
1911 ...	6-64	10-38	9-18	10-07	23-63	9-68	26-80	1-70	5-14	3-05	309	16-02	1-81	8-70	805	444	1-54	2,301	178	319	201	464	1,133	70	26	11
1912 ...	15-81	19-48	15-34	16-28	21-39	15-66	27-00	1-86	3-83	2-88	341	12-72	1-45	10-24	350	705	1-37	2,504	162	263	133	366	1,531	25	27	11
1913 ...	13-34	13-74	12-42	14-90	24-97	10-45	23-60	1-64	4-47	3-08	165	20-29	2-36	12-91	780	1,132	1-36	2,824	140	247	156	443	1,590	59	26	12
†	13-34	18-84	17-66	17-17	21-87	16-80	34-15	2-00	4-86	3-42	366	13-64	1-62	10-21	828	456	1-60	2,316	268	318	189	457	1,532	58	22	11

\* Not specially returned in earlier years.

† Average for twenty years (or since statistics have been collected).



Table No. XVI.

RETURN showing the AREA and PRODUCE obtained during the YEAR 1913 from CERTAIN OTHER CROPS, details of which are not included in the GENERAL TABLE.

DIVISION.	OTHER FRUITS.																	OTHER VEGETABLES.										OTHER MISCELLANEOUS CROPS.												
	Almonds.	Apples.	Apricots.	Cherries.	Cocoanuts.	Custard Apples.	Figs.	Gooseberries (Cape).	Lemons.	Mangoes.	Passion Fruit.	Pawpaw.	Peaches.	Pears.	Persimmons.	Plums.	Quinces.	Strawberries.	Nectarines.	Beans.		Cabbages and Cauliflowers.	Cucumbers.	Onions.	Peas.		Tomatoes.	Turnips.	Yams.	Broom Millet.	Canary Seed.	Millet (Seed).	India Rubber.	Grass Seed.	Mangel-Wurzel.	Pea Nuts.	Sisal Hemp and Ramie.	Lucerne Seed.		
																				Green.	Dried.				Green.	Dried.														
	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.
Moreton	...	19	8	...	...	59	2	7	72	63	28	222	77	2	16	22	1	89	...	107	6	280	122	48	147	...	293	61	...	170	...	4	...	...	174	11	...	...		
Wide Bay	...	6	1	...	...	5	...	...	3	67	1	11	18	...	3	6	...	4	...	3	5	43	...	7	10	45	29	24	...	97	...	...	...	160	22	9	...	...		
Port Curtis	...	...	...	...	...	7	...	...	5	40	...	31	5	...	1	2	...	2	...	3	...	53	7	1	4	...	15	4	...	...	...	4	...	...	...	21	...	...		
Edgecumbe	...	...	...	...	...	2	...	...	6	128	...	14	8	...	...	1	...	...	...	6	...	25	64	...	3	...	431	1	...	2	...	...	...	...	...	2	28	...		
Rockingham	...	8	...	...	64	3	...	...	19	74	...	23	8	...	...	1	...	...	...	4	...	23	2	...	4	...	5	4	...	...	...	...	28	...	...	5	...	...		
York Peninsula	...	...	...	...	485	1	...	...	...	28	...	5	...	...	...	...	...	...	...	...	...	7	...	...	...	1	2	...	90	...	...	...	...	...	...	113	90	...		
Carpentaria	...	...	...	...	...	...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	...	17	...	...	...	...	3	...	...	...	...	...	...	...	...	...	...	...		
Central-western	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	5	...	...	...	...	1	1	...	...	...	...	...	...	...	...	...	...		
South-western	...	...	1	...	...	...	...	...	1	1	...	...	4	...	...	1	...	...	...	...	...	6	1	4	...	...	1	2	...	...	...	...	...	...	...	...	...	...		
Central	...	...	...	...	...	...	...	...	...	...	...	...	4	...	...	...	...	...	...	...	2	11	2	1	...	2	1	1	...	...	...	...	...	...	...	...	...	...		
Maranoa	...	...	4	...	...	...	1	...	6	...	...	...	11	...	...	3	2	1	...	...	...	8	...	...	...	...	1	1	...	...	...	...	...	...	...	...	...	...		
Downs	...	1,575	76	36	...	...	6	...	9	1	...	...	832	110	...	303	10	...	95	33	3	252	1	35	23	5	213	4	...	34	223	88	...	138	1	2	...	215		
Total Area	...	1,608	90	36	549	77	9	7	121	404	29	306	968	112	20	339	13	96	95	156	16	730	199	96	191	53	995	103	90	303	223	96	28	298	197	163	118	215		
	Bushels.	Bushels.	Bushels.	Bushels.	Dozens.	Bushels.	Bushels.	Quarts.	Bushels.	Bushels.	Bushels.	Dozens.	Bushels.	Bushels.	Bushels.	Bushels.	Quarts.	Bushels.	Bushels.	Bushels.	Bushels.	Dozens.	Dozens.	Cwt.	Bushels.	Bushels.	Bushels.	Tons.	Tons.	Lb.	Lb.	Lb.	Bushels.	Tons.	Lb.	Cwt.	Lb.			
Moreton	...	1,203	791	...	...	5,472	397	17,800	6,741	14,809	4,485	19,823	5,992	198	1,201	1,551	116	143,508	...	10,584	350	69,803	50,948	2,187	10,877	...	31,265	260	...	103,886	...	240	...	...	878	23,080	...	...		
Wide Bay	...	219	43	...	...	91	...	...	369	20,865	211	638	971	...	133	281	...	2,800	...	285	75	16,572	...	177	1,146	718	3,028	124	...	41,300	...	...	...	1,453	221	18,000	...	...		
Port Curtis	...	...	...	...	...	284	...	...	691	7,775	...	4,551	433	...	52	80	...	6,300	...	265	...	16,681	2,444	10	183	...	1,714	18	...	...	...	728	...	...	9,900	...	...			
Edgecumbe	...	...	...	...	...	673	...	...	1,839	63,183	...	2,454	321	...	...	48	...	...	...	190	...	3,510	17,955	...	124	...	62,455	1	...	1,200	...	...	...	...	2,240	nil	...			
Rockingham	...	35	...	...	4,364	149	...	...	2,966	35,779	...	3,969	588	...	...	Nil	...	...	...	131	...	8,767	544	...	145	...	507	10	...	...	...	nil	...	...	7,840	...	...			
York Peninsula	...	...	...	...	11,347	222	...	...	...	13,586	...	852	...	...	...	...	...	...	...	...	...	1,940	...	...	...	5	103	...	139	...	...	...	...	...	132,040	nil	...			
Carpentaria	...	...	...	...	...	...	...	...	...	208	...	...	...	...	...	...	...	...	...	...	...	2,567	...	...	...	...	240	...	...	...	...	...	...	...	...	...	...			
Central-western	...	...	...	...	...	...	...	...	...	...	...	...	58	...	...	...	...	...	...	...	...	1,830	...	...	...	...	127	2	...	...	...	...	...	...	...	...	...			
South-western	...	...	12	...	...	...	...	...	4	...	...	...	429	...	...	35	...	...	...	...	...	1,466	184	116	...	...	47	5	...	...	...	...	...	...	...	...	...			
Central	...	...	...	...	...	...	...	...	...	...	...	...	59	...	...	...	...	...	...	...	10	2,422	1,000	13	...	12	12	1	...	...	...	...	...	...	...	...	...			
Maranoa	...	...	314	...	...	...	114	...	58	...	...	...	677	...	...	109	247	Nil	...	...	...	2,500	...	...	...	...	128	2	...	...	...	...	...	...	...	...	...			
Downs	...	47,966	4,786	1,029	...	...	250	...	643	144	...	...	44,051	3,106	...	9,621	484	...	2,801	4,535	20	76,702	1,600	1,648	2,278	20	62,032	17	...	21,808	75,650	845	...	2,162	5	2,160	...	12,920		
Total Produce	...	49,423	5,946	1,029	15,711	6,891	761	17,800	13,311	156,349	4,696	32,287	53,579	3,304	1,386	11,725	847	152,608	2,801	15,990	455	204,760	74,675	4,151	14,753	755	161,658	440	139	168,194	75,650	1,813	nil	3,615	1,104	195,260	nil	12,920		

Table No. XVII.

RETURN showing the TOTAL EXTENT of LAND CULTIVATED for HAY, together with the YIELD of HAY, and the Average Yield per ACRE in each of the several PETTY SESSIONS DISTRICTS of the STATE during the YEAR 1913.

PETTY SESSIONS DISTRICTS.	HAY.									
	Wheat.		Oats.		Lucerne.		Other.		Total.	
	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.
Allora ... ..	96	91	92	74	1,445	1,304	5	4	1,638	1,473
Beaudesert ... ..	5	7	263	542	654	1,981	27	41	949	2,571
Clifton ... ..	582	476	2,058	1,261	5,111	3,652	43	29	7,794	5,418
Crow's Nest ... ..	62	68	218	319	534	1,021	26	35	840	1,443
Dalby ... ..	1,468	1,288	861	627	532	411	69	56	2,930	2,382
Dugandan ... ..	7	13	80	123	1,831	3,785	164	301	2,082	4,222
Esk ... ..	12	12	199	295	1,181	4,106	53	178	1,445	4,591
Gatton ... ..	435	512	697	703	4,200	7,402	412	559	5,744	9,176
Goombungee ... ..	225	132	115	78	138	82	...	...	478	292
Gympie ... ..	83	107	451	688	171	511	89	153	794	1,459
Harrisville ... ..	29	47	582	778	1,999	3,417	409	593	3,019	4,835
Helidon ... ..	49	65	136	159	1,506	2,986	45	89	1,736	3,299
Highfields ... ..	113	97	120	90	185	327	18	13	436	527
Ipswich ... ..	14	17	144	235	433	1,117	37	55	628	1,424
Killarney ... ..	251	231	289	291	1,814	2,738	34	22	2,388	3,282
Laidley ... ..	325	425	321	325	4,171	8,390	229	362	5,046	9,502
Lowood ... ..	...	...	125	121	633	1,049	7	11	765	1,181
Nanango ... ..	101	82	1,075	1,017	1,271	3,017	137	193	2,584	4,309
Oakey ... ..	946	627	1,922	1,279	2,150	1,344	60	35	5,078	3,285
Pittsworth ... ..	1,551	1,455	778	508	1,462	1,263	74	70	3,865	3,296
Rockhampton ... ..	183	252	290	376	1,133	2,766	220	331	1,826	3,725
Rosewood ... ..	8	16	87	115	622	1,077	129	184	846	1,392
Toowoomba ... ..	194	187	1,009	1,068	4,203	2,979	65	58	5,471	4,292
Warwick ... ..	557	545	1,294	1,283	3,114	3,663	64	64	5,029	5,555
All other Districts ... ..	5,352	5,180	2,814	3,482	3,777	10,387	1,115	1,955	13,058	21,004
Grand Total { 1913 ... ..	12,648	11,932	16,020	15,837	44,270	70,775	3,531	5,391	76,469	103,935
{ 1912 ... ..	12,710	13,635	19,539	24,130	50,814	75,447	4,580	6,655	87,643	119,867
Increase, 1913 ... ..	...	...	...	...	...	...	...	...	...	...
Decrease, 1913 ... ..	62	1,703	3,519	8,293	6,544	4,672	1,049	1,264	11,174	15,932
Average Yield per Acre ... ..	0.94		0.99		1.60		1.53		1.36	

Table No. XVIII.

RETURN showing the TOTAL EXTENT of LAND CULTIVATED for GREEN CROPS in each of the several PETTY SESSIONS DISTRICTS of the STATE during the YEAR 1913.

PETTY SESSIONS DISTRICTS.	GREEN CROPS.				
	Wheat.	Oats.	Lucerne.	Other.	Total of all Kinds.
	Acres.	Acres.	Acres.	Acres.	Acres.
Allora ... ..	1,772	687	12,197	844	15,500
Beaudesert ... ..	109	246	545	399	1,299
Brisbane ... ..	23	132	222	1,033	1,410
Clifton ... ..	3,359	3,768	9,138	2,727	18,992
Crow's Nest ... ..	210	722	595	1,243	2,770
Dalby ... ..	2,356	725	1,610	1,610	6,301
Dugandan ... ..	114	1,127	505	1,510	3,256
Esk ... ..	306	458	757	1,308	2,829
Gatton ... ..	502	787	863	2,423	4,575
Goombungee ... ..	736	1,137	2,210	1,690	5,773
Harrisville ... ..	151	760	836	1,040	2,787
Helidon ... ..	188	253	257	1,058	1,756
Highfields ... ..	407	802	6	804	2,019
Ipswich ... ..	40	243	226	386	895
Jondaryan ... ..	2,165	1,249	2,507	1,125	7,046
Killarney ... ..	425	466	3,883	1,054	5,828
Laidley ... ..	176	243	205	928	1,552
Lowood ... ..	63	512	118	782	1,475
Marburg ... ..	62	471	179	2,131	2,843
Nanango ... ..	160	636	214	530	1,540
Oakey ... ..	3,361	5,470	13,551	2,755	25,137
Pittsworth ... ..	4,631	3,911	9,357	2,419	20,318
Rosewood ... ..	103	620	997	1,128	2,848
Toowoomba ... ..	1,336	3,537	2,220	1,901	8,994
Warwick ... ..	984	856	7,338	2,161	11,339
All other Districts ... ..	3,254	1,364	1,532	6,058	12,208
Grand Total { 1913 ... ..	26,993	31,182	72,068	41,047	171,290
{ 1912 ... ..	13,797	18,464	61,040	42,053	135,354
Increase, 1913 ... ..	13,196	12,718	11,028	...	35,936
Decrease, 1913 ... ..	...	...	...	1,006	...



Table No. XIX.

AVERAGE YIELD PER ACRE OF CROPS IN EACH DIVISION OF THE STATE FOR THE YEAR 1913.

Division.	GRAIN CROPS.							POTATOES.		Sugar-cane (to Acres Crushed)	Cotton.	Arrow-root (Tuber).	Tobacco (Dried Leaf).	Coffee.	Pumpkins and Melons.	Hay of all Kinds.	Grapes.	Bananas.	Pine-apples.	Orange.
	Wheat.	Oats.	Barley, Malting.	Barley, Other.	Maize.	Rye.	Rice.	English.	Sweet.											
	Bushels.	Bushels.	Bushels.	Bushels.	Bushels.	Bushels.	Bushels.	Tons.	Tons.											
Moreton ... ..	18.48	23.29	19.62	24.28	21.07	12.50	27.00	1.46	4.98	20.61	300	12.96	...	329	3.34	1.94	2,374	166	272	196
Wide Bay ... ..	13.64	19.87	6.79	14.67	29.28	...	...	1.71	4.16	21.70	...	8.75	...	1,133	3.40	1.87	2,550	113	156	166
Port Curtis ... ..	...	50.00	5.00	...	23.40	...	...	1.98	4.46	18.46	...	...	...	412	2.38	2.21	2,898	147	139	149
Edgecumbe ... ..	...	...	...	...	20.03	...	...	2.94	3.29	21.11	...	...	834	2,960	2.03	2.25	2,808	196	110	132
Rockingham ... ..	...	...	...	...	39.14	...	25.50	1.72	3.77	17.82	179	...	100	631	1.48	1.72	4,157	112	81	95
York Peninsula ... ..	...	...	...	...	23.74	...	13.00	2.00	1.50	12.78	132	...	399	209	2.42	...	...	106	102	73
Carpentaria ... ..	...	...	...	...	18.08	...	...	1.40	1.70	...	...	...	...	...	1.52	1.07	1,100	96	303	116
Central-western ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2,460	...	...	83
South-western ... ..	...	...	...	...	...	...	...	1.83	1.00	...	...	...	...	...	2.08	0.84	4,518	...	...	44
Central ... ..	13.33	...	...	...	21.19	...	...	1.23	2.00	...	25	...	...	...	2.91	1.16	2,724	...	...	163
Maranoa ... ..	7.32	10.67	...	...	13.83	...	...	1.33	2.25	...	...	...	...	...	2.58	0.88	3,269	...	...	387
Downs ... ..	13.88	13.32	12.29	13.99	18.21	10.40	...	1.49	5.00	...	121	...	782	...	2.42	0.86	2,708	...	...	97
TOTAL AVERAGE YIELD, 1913 ... ..	13.34	13.74	12.42	14.90	24.97	10.45	23.60	1.64	4.47	20.29	165	12.91	780	1,132	3.08	1.36	2,824	140	247	156
" " " 1912 ... ..	15.81	19.48	15.34	16.28	21.39	15.66	27.00	1.86	3.83	12.72	341	10.24	350	705	2.88	1.37	2,504	162	263	133
INCREASE, 1913 ... ..	...	...	...	...	3.58	...	...	...	0.64	7.57	...	2.67	430	427	0.20	...	320	...	...	23
DECREASE, 1913 ... ..	2.47	5.74	2.92	1.38	...	5.21	3.40	0.22	...	...	176	...	...	...	...	0.01	...	22	16	...

Table No. XX.  
AREA, YIELD, AND VALUE OF CROPS, 1913.

Description of Crop.					Area.	Yield.		Value.	
					Acres.			£	
Cereals	...	{	Barley	{ Malting	...	6,274	77,938	bushels	11,691
				{ Other	...	2,552	38,037	"	5,706
			Maize	...	...	156,775	3,915,376	"	978,844
			Oats	...	...	4,093	56,236	"	11,247
			Rye	...	...	91	951	"	190
			Wheat	...	...	132,655	1,769,432	"	442,358
			Other Cereals—Rice	...	5	118	"	12	
Grass Seed	...			...	298	3,615	"	904	
Green Forage	(all kinds)	...		...	171,290			856,450	
Hay	...	{	Lucerne	...	44,270	70,775	tons	424,650	
			Oaten	...	16,020	15,837	"	63,348	
			Wheaten	...	12,648	11,932	"	35,796	
			Other	...	3,531	5,391	"	21,564	
Straw	...	{	Oaten	...	...	390	"	1,073	
			Wheaten	...	...	11,349	"	31,210	
Pulse	...	{	Other	...	...	649	"	1,785	
			Beans	...	16	455	"	137	
			Peas	...	53	755	"	227	
Root Crops	...	{	Arrowroot (Tubers)	...	374	4,829	"	4,829	
			Mangolds	...	197	1,104	"	6,072	
			Onions	...	96	4,151	cwt.	2,906	
			Potatoes	...	10,085	16,548	tons	198,576	
			" Sweet	...	3,224	14,425	"	86,550	
			Cassava	...	9	17	"	17	
			Turnips (including Swede Turnips)	...	103	440	"	2,420	
			Other (Yams)	...	90	139	"	348	
Grapes, Productive	{	Ginger	...	1	7,496	lb.	94		
		For table use	...	1,449	2,924,293	"	30,461		
		For Wine	...	1,168,238	"	9,735			
			For drying purposes	...					
" Unproductive	...			...	88				
Sugar-cane, Productive	...			102,803	2,085,588	tons	2,362,206		
" Unproductive	...			44,940					
Tobacco	...			731	570,271	lb.	21,182		
Market Gardens	...			2,611			66,841		
Orchards and Fruit Gardens	...	{	Almonds	...	...	...	...	...	
			Apples	...	835	49,423	bushels	21,005	
			Apricots	...	90	5,946	"	1,189	
			Bananas	...	7,400	1,037,936	bunches	129,742	
			Cherries	...	36	1,029	bushels	772	
			Cocoanuts	...	549	15,711	dozens	1,964	
			Custard Apples	...	77	6,891	bushels	1,550	
			Figs	...	9	761	"	190	
			Gooseberries (Cape)	...	7	17,800	quarts	185	
			Lemons	...	121	13,311	bushels	3,993	
			Mangoes	...	353	156,349	"	23,452	
			Nectarines	...	95	2,801	"	560	
			Oranges	...	2,407	375,544	"	112,663	
			Passion Fruit	...	29	4,696	"	939	
			Pawpaws	...	306	32,287	dozens	3,633	
			Peaches	...	968	53,579	bushels	13,395	
			Pears	...	112	3,304	"	1,156	
			Persimmons	...	20	1,386	"	277	
			Pineapples	...	3,014	744,906	dozens	74,491	
			Plums	...	339	11,725	bushels	2,345	
			Quinces	...	13	847	"	212	
			Rosellas	...	6	439	"	44	
			Strawberries	...	96	152,608	quarts	6,359	
			Walnuts	...	4	1,210	lb.	15	
			Other (Private, &c.)	...	1,178			16,382	
			Unproductive	...	2,008				
			Broom Millet	...	303	168,194	lb. straw	1,877	
			Cabbages	...	730	204,760	dozens	30,714	
			Canary Seed	...	223	75,650	lb.	540	
			Coffee	...	161	182,223	"	6,833	
			" Unproductive	...	4				
			Cotton	...	214	35,230	lb.	881	
			Cowpea	...	15	187	bushels	56	
			Cucumbers	...	199	74,765	dozens	3,738	
			Green Beans	...	156	15,990	bushels	3,998	
			Green Peas	...	191	14,753	"	3,688	
India Rubber	...	28							
Lucerne Seed	...	215	12,920	lb.	808				
Millet Seed	...	96	1,813	"	91				
Pea-nuts	...	163	195,260	"	2,847				
Pumpkins and Melons	...	6,556	20,208	tons	60,624				
Sisal Hemp	...	118							
Tomatoes	...	995	161,658	bushels	28,290				
Miscellaneous—Herbs	...	1	1,464	lb.	73				
Marrows	...	2	3	tons	22				
Total under Crop					747,814			6,241,022	
Land in fallow					65,318				
Area under permanent artificially-sown grasses					236,582				
New ground broken up during season					24,204				
Previously cropped land lying idle during season					82,674				
Total area of arable land					1,156,592				